National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6104 **Page No** 1 of 120

Validity 10/08/2022 to 09/08/2024 **Last Amended on** 04/02/2023

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- CABLES & WIRES	XLPE Insulated AB Cables up to 1100 volts	Conductor resistance tests of messenger conductor	IS: 14255-1995
2	ELECTRICAL- CABLES & WIRES	XLPE Insulated AB Cables up to 1100 volts.	Water absorption (gravimetric)	IS: 14255-1995(Reaffirmed-2010) (Cl.10.1(c)-(v)), IS 10810(Pt-33)
3	ELECTRICAL- CABLES & WIRES	Cable Trunking and Ducting Systems for Electrical Installations	Cover Retention Test	IS 14927 (Part 1&2) (Cl 10.6)
4	ELECTRICAL- CABLES & WIRES	Cable trunking and ducting systems for electrical installations	Dimension	IS 14927 (Part 1&2) (Cl 8)
5	ELECTRICAL- CABLES & WIRES	Cable trunking and ducting systems for electrical installations	Classification (Cl.6)	IS 14927
6	ELECTRICAL- CABLES & WIRES	Cable trunking and ducting systems for electrical installations	Electrical Continuity for Earthing & Bonding	IS 14927 (Part 1&2) (Cl 12.2)
7	ELECTRICAL- CABLES & WIRES	Cable trunking and ducting systems for electrical installations	Electrical Strength And Insulation Resistance	IS 14927 (Part 1& 2) (Cl 12.3)
8	ELECTRICAL- CABLES & WIRES	Cable trunking and ducting systems for electrical installations	EXTERNAL INFLUENCES (Cl.13)	IS 14927
9	ELECTRICAL- CABLES & WIRES	Cable trunking and ducting systems for electrical installations	Impact Test	IS 14927 (Part 1&2) (Cl 10.3)
10	ELECTRICAL- CABLES & WIRES	Cable trunking and ducting systems for electrical installations	Marking (Cl.7)	IS 14927
11	ELECTRICAL- CABLES & WIRES	Cable trunking and ducting systems for electrical installations	Mechanical Properties (Cl.10)	IS 14927
12	ELECTRICAL- CABLES & WIRES	Cable Trunking and Ducting Systems for Electrical Installations	Resistance To Flame Propagation	IS 14927 (Part 1&2) (Cl 11)
13	ELECTRICAL- CABLES & WIRES	Cable Trunking and Ducting Systems for Electrical Installations	Verification of Construction	IS 14927 (Part 1&2) (Cl 9)
14	ELECTRICAL- CABLES & WIRES	Covered IS 5831-1984 with Test Method IS 10810(Part-14)-1984	Cold Impact Test (upto 12.5 mm dia)	IS 1554 (Part-1) (Cl. 15.4 (b))
15	ELECTRICAL- CABLES & WIRES	FRLSH (Fire retardant Low Smoke, Zero Halogen test)	Flame Retardance test on Bunched Cable	IS: 7098(P-1) (Cl. 15.1.1 (c))
16	ELECTRICAL- CABLES & WIRES	FRLSH (Fire retardant Low Smoke, Zero Halogen test)	Flame Retardance test on Single Cable	IS: 694-2010 (RA-2015), IS 10810(Pt-61)
17	ELECTRICAL- CABLES & WIRES	FRLSH (Fire retardant Low Smoke, Zero Halogen test)	Flame Retardance test on Single Cable	IS: 7098(P-1) (Cl. 15.1.1 (b))
18	ELECTRICAL- CABLES & WIRES	FRLSH (Fire retardant Low Smoke, Zero Halogen test)	Smoke Density	IS 13360(p-6/Sec-9)

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	2 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
19	ELECTRICAL- CABLES & WIRES	FRLSH (Fire retardant Low Smoke, Zero Halogen test)	Halogen Acid Gas Evolution	IS: 1554(P-1) (Cl. 16.9)
20	ELECTRICAL- CABLES & WIRES	FRLSH (Fire retardant Low Smoke, Zero Halogen test)	Flame Retardance test on Bunched Cable	IS: 694-2010 (RA-2015) IS: 1554(P-1)-1988(RA-2015) IS: 7098(P-1)-1988(RA-2015), IS 10810(Pt-62)
21	ELECTRICAL- CABLES & WIRES	FRLSH (Fire retardant Low Smoke, Zero Halogen test)	Flame Retardance test on Bunched Cable	IS: 7098(P-1)-1988(RA-2015) with test method IS 10810(Pt-62)-1984(RA-2014),IS : 1554(P-1)-1988(RA-2015) (Cl 16.7)
22	ELECTRICAL- CABLES & WIRES	FRLSH (Fire retardant Low Smoke, Zero Halogen test)	Flame Retardance test on Single Cable	IS: 1554(P-1)-1988(RA-2015) (Cl 16.6)
23	ELECTRICAL- CABLES & WIRES	FRLSH (Fire retardant Low Smoke, Zero Halogen test)	Halogen Acid Gas Evolution	IS: 694-2010 (RA-2015) (Cl 10.6) Table 1 (ii)- (n) (c) (13) & (d) (10)), IS: 1554(P-1)-1988(RA-2015) IS: 7098(P-1)-1988(RA-2015) ASTM D-2863, IEC 60754-1, ASTM 2843, IEC 60332(P-32)-1982, IS: 7098(P-1) (Cl. 15.1.1 (f & 15.1.2 (d) & 16.13))
24	ELECTRICAL- CABLES & WIRES	FRLSH (Fire retardant Low Smoke, Zero Halogen test)	Halogen Acid Gas Evolution	IS: 694-2010(RA-2015)
25	ELECTRICAL- CABLES & WIRES	FRLSH (Fire retardant Low Smoke, Zero Halogen test)	Smoke Density	IS: 694-2010(RA-2015) (Cl 10.8) Table 1 (p) (iii) (c) (14) & (d) (11))
26	ELECTRICAL- CABLES & WIRES	FRLSH (Fire retardant Low Smoke, Zero Halogen test)	Oxygen Index test	IS: 1554(P-1)-1988(RA-2015), IS: 1554(P-1) (Cl. 15.1.1 (a) & 16.5))
27	ELECTRICAL- CABLES & WIRES	FRLSH (Fire retardant Low Smoke, Zero Halogen test)	Temperature Index	IS: 694-2010 (RA-2015) IS: 1554(P-1)-1988(RA-2015) IS: 7098(P-1)-1988(RA-2015), IS 10810(Pt-64)

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	3 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
28	ELECTRICAL- CABLES & WIRES	FRLSH (Fire retardant Low Smoke, Zero Halogen test)	Oxygen Index test	IS: 694-2010 (RA-2015) (Cl 10.5) Table 1 (ii)- (k) (c) (11) & (d) (8)), IS: 1554(P-1)-1988(RA-2015) IS: 7098(P-1)-1988(RA-2015) ASTM D-2863, IEC 60754-1, ASTM 2843, IEC 60332(P-32)-1982, IS: 7098(P-1) (Cl.15.1.1 a,b, Cl. 16.9)
29	ELECTRICAL- CABLES & WIRES	FRLSH (Fire retardant Low Smoke, Zero Halogen test)	Oxygen Index test	IS 10810(Pt-58)
30	ELECTRICAL- CABLES & WIRES	FRLSH (Fire retardant Low Smoke, Zero Halogen test)	Oxygen Index test	IS: 694-2010(RA-2015)
31	ELECTRICAL- CABLES & WIRES	FRLSH (Fire retardant Low Smoke, Zero Halogen test)	Temperature Index	IS: 694-2010 (RA-2015) (Cl 10.7) Table 1 (ii)-m, (iii)-c-(12) & (d) (9)), IS: 1554(P-1)-1988(RA-2015) IS: 7098(P-1)-1988(RA-2015) ASTM D-2863, IEC 60754-1, ASTM 2843, IEC 60332(P-32)-1982, IS: 7098(P-1) (Cl. 15.1.1 (d) & (g) Cl. 16.14)
32	ELECTRICAL- CABLES & WIRES	FRLSH (Fire retardant Low Smoke, Zero Halogen test)	Temperature Index	IS: 694-2010 (RA-2015) IS: 1554(P-1)-1988(RA-2015) IS: 7098(P-1)-1988(RA-2015) ASTM D-2863, IEC 60754-1, ASTM 2843, IEC 60332(P-32)-1982,IS: 1554(P-1) (Cl. 16.10)
33	ELECTRICAL- CABLES & WIRES	FRLSH (Fire retardant Low Smoke, Zero Halogen test)	Temperature Index	IS: 694-2010(RA-2015)
34	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Cable with Working Voltages upto 1100V	Thermal Stability	IS 1554 (Part-1) (Cl. 15.1 d-(7))
35	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) cables up to 1100 volts.	AC High Voltage test (Water immersion)	IS 1554(P-1)-1988 (Reaff-2015), IS 10810(Pt-45)
36	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) cables up to 1100 volts.	Ageing in air oven of Insulation & Sheath	IS 1554(P-1)-1988 (Reaff-2015), IS: 5831 (Cl. 4.1 (iv) Table 1 (ii) in Table 2)
37	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) cables up to 1100 volts.	Cold Impact test (Above to 12.5 mm dia)	IS 1554(P-1)-1988 (Reaff-2015), IS 10810(Pt-21)
38	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) cables up to 1100 volts.	Cold Impact test (Above to 12.5 mm dia)	IS 1554(P-1)-1988 (Reaff-2015), IS 5831

SCOPE OF ACCREDITATION

Laboratory Name : AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6104 **Page No** 4 of 120

Validity 10/08/2022 to 09/08/2024 **Last Amended on** 04/02/2023

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
39	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) cables up to 1100 volts.	Conductor Resistance	IS 1554(P-1)-1988 (Reaff-2015), IS: 8130 (Cl. 6.3 & Table 1,2,3,&4)
40	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) cables up to 1100 volts.	DC High Voltage test (Water immersion)	IS 1554(P-1)-1988 (Reaff-2015), IS 10810(Pt-45)
41	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) cables up to 1100 volts.	Flammability test	IS 1554(P-1)-1988 (Reaff-2015), IS 10810(Pt-53)
42	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) cables up to 1100 volts.	Flammability test	IS 1554(P-1)-1988 (Reaff-2015), IS 5831 (Cl. 15.1 (h) & Cl. 16.4)
43	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) cables up to 1100 volts.	Heat shock test of Insulation and Sheath	IS 1554(P-1)-1988 (Reaff-2015), IS 10810(Pt-14) (Cl. 15.1 (d)-6)
44	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) cables up to 1100 volts.	High Voltage test	IS 1554(P-1)-1988 (Reaff-2015), IS 10810(Pt-45)
45	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) cables up to 1100 volts.	Insulation resistance constant	IS 1554(P-1)-1988 (Reaff-2015), IS 5831 (Cl. 4.1 (ii) Table 1)
46	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) cables up to 1100 volts.	Loss of mass test of Insulation and Sheath	IS 1554(P-1)-1988 (Reaff-2015), IS 10810(Pt-10) (Cl. 15.1 (d)-5)
47	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) cables up to 1100 volts.	Loss of mass test of Insulation and Sheath	IS 1554(P-1)-1988 (Reaff-2015), IS 5831 (Cl. 4.1 (v) Table 1 & Cl. 4.1 (iii) Table 2)
48	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) cables up to 1100 volts.	Thickness of Insulation & Sheath	IS 1554(P-1)-1988 (Reaff-2015), IS: 8130 (Cl. 9.2, 12.3 & 14.4)
49	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) cables up to 1100 volts.	Volume Resistivity	IS 1554(P-1)-1988 (Reaff-2015), IS 5831 (Cl. 4.1 (i))
50	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) cables up to 1100 volts.	Wrapping Test for Aluminum Conductor	IS 1554(P-1)-1988 (Reaff-2015), IS 10810(Pt-3)
51	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) cables up to 1100 volts.	Wrapping Test for Aluminum Conductor	IS 1554(P-1)-1988 (Reaff-2015), IS: 8130 (Cl. 6.2.2)
52	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) cables up to 1100 volts.	Bleeding & Blooming	IS 1554(P-1)-1988 (Reaff-2015), IS 10810(Pt-19)

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	5 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
53	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) cables up to 1100 volts.	Bleeding & Blooming	IS 1554(P-1)-1988 (Reaff-2015), IS 5831 (Cl. 4.1 (XIV) Table 1 & Cl. 4.1 (VII) Table 2)
54	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) cables up to 1100 volts.	Conductor Resistance	IS 1554(P-1)-1988 (Reaff-2015), IS 10810(Pt-5)
55	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) cables up to 1100 volts.	Heat shock test of Insulation and Sheath	IS 1554(P-1)-1988 (Reaff-2015), IS 5831 (Cl. 4.1 (vii) Table 1 and table 2 (v))
56	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) cables up to 1100 volts.	Volume Resistivity	IS 1554(P-1)-1988 (Reaff-2015), IS 10810(Pt-43)
57	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) cables up to 1100 volts.	Annealing tests for Copper Conductor	IS 1554(P-1)
58	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) cables up to 1100 volts.	Annealing tests for Copper Conductor	IS 1554(P-1)-1988 (Reaff-2015), IS 10810(Pt-1) (Cl. 15.1 a-(1))
59	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) cables up to 1100 volts.	Cold Bend test (Up to 12.5 mm Dia.)	IS 1554(P-1)-1988 (Reaff-2015), IS 10810(Pt-20) (Cl. 15.4 (a))
60	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) cables up to 1100 volts.	Hot deformation test of Insulation and Sheath	IS 1554(P-1)-1988 (Reaff-2015), IS 10810(Pt-15) (Cl. 15.1)
61	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) cables up to 1100 volts.	Hot deformation test of Insulation and Sheath	IS 1554(P-1)-1988 (Reaff-2015), IS 5831 (Cl. 4.1 (vi) Table 1 & Cl. 4.1 (iv) Table 2)
62	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) cables up to 1100 volts.	Shrinkage test of Insulation & Sheath	IS 1554(P-1)-1988 (Reaff-2015), IS 10810(Pt-12) (Cl. 15.1 d (3))
63	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) cables up to 1100 volts.	Shrinkage test of Insulation & Sheath	IS 1554(P-1)-1988 (Reaff-2015), IS: 5831 (Cl. 4.1 (vii) Table 1 & Cl. (vi) Table 2)
64	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) cables up to 1100 volts.	Tensile strength & Elongation at break of insulation & sheath	IS 1554(P-1)-1988 (Reaff-2015), IS 5831 (Cl. 4.1 (iii) a,b & (iv) b,c)
65	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) cables up to 1100 volts.	Thermal stability	IS 1554(P-1)-1988 (Reaff-2015), IS 10810(Pt-60)
66	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) cables up to 1100 volts.	Annealing tests for Copper Conductor	IS 1554(P-1)-1988 (Reaff-2015), IS: 8130 (Cl. 6.1.2 & 6.1.2.1)

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	6 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
67	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) cables up to 1100 volts.	Cold Bend test (Up to 12.5 mm Dia.)	IS 1554(P-1)-1988 (Reaff-2015), IS 5831
68	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) cables up to 1100 volts.	Insulation resistance constant	IS 1554(P-1)-1988 (Reaff-2015), IS 10810(Pt-43) (Cl. 15. 1(e) Cl. 15.2 (g))
69	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) cables up to 1100 volts.	Tensile strength & Elongation at break of insulation & sheath	IS 1554(P-1)-1988 (Reaff-2015), IS 10810(Pt-7) (Cl. 15.1 d(1))
70	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Cables with Working Voltages upto 1100V	AC High Voltage Test (Water Immersion)	IS 1554 (Part-1) (Cl. 16.3 & 16.3.1)
71	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Cables with Working Voltages upto 1100V	Ageing in Air Oven of Insulation & Sheath	IS 1554 (Part-1) (Cl. 15.1 (d)-2)
72	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Cables with Working Voltages upto 1100V	Bleeding and Blooming	IS 8130-2013, IS 10810(Part-5)-1984, IS 1554 (Part-1)
73	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Cables with Working Voltages upto 1100V	Cold Bend test (upto 12.5 mm dia)	IS 1554 (Part-1)
74	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Cables with Working Voltages upto 1100V	Conductor Resistance	IS 1554 (Part-1) (Cl. 15.1 (a)-4)
75	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Cables with Working Voltages upto 1100V	DC High Voltage Test (Water Immersion)	IS 1554 (Part-1) (Cl. 16.3 & 16.3.2)
76	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Cables with Working Voltages upto 1100V	Flammability Test	IS 1554 (Part-1) (Cl. 15.1 (h) & Cl. 16.4)
77	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Cables with Working Voltages upto 1100V	Heat Shock Test of Insulation and sheath	IS 1554 (Part-1)
78	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Cables with Working Voltages upto 1100V	High Voltage Test	IS 5831-1984 with Test Method IS 10810(Part-14)-1984, IS 1554 (Part-1) (Cl. 16.2)
79	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Cables with Working Voltages upto 1100V	Hot Deformation Test of Insulation and Sheath	IS 1554 (Part-1)
80	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Cables with Working Voltages upto 1100V	Insulation resistance Constant	IS 1554 (Part-1)
81	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Cables with Working Voltages upto 1100V	Los of Mass Test of Insulation & Sheath	IS 1554 (Part-1)
82	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Cables with Working Voltages upto 1100V	Shrinkage Test of Insulation and sheath	IS 1554 (Part-1)
83	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Cables with Working Voltages upto 1100V	Tensile Strength & Elongation at break of insulation & Sheath	IS 1554 (Part-1)

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	7 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
84	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Cables with Working Voltages upto 1100V	Tensile Strength for Aluminium Conductor	IS 1554 (Part-1) (Cl. 15.1 a(2))
85	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Cables with Working Voltages upto 1100V	Thickness of Insulation & Sheath	IS 1554 (Part-1)
86	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Cables with Working Voltages upto 1100V	Volume Resistivity	IS 1554 (Part-1)
87	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable up to 1100 volts	AC High Voltage test (Water immersion)	IS 694:2010 (Reaff-2015), IS 10810(Pt-45) (Cl. 10.1)
88	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable up to 1100 volts	Ageing in air oven of Insulation & Sheath	IS 694:2010 (Reaff-2015), IS 5831 (Cl. 4.1 (iv) Table 1 & Cl. 4.1 (ii) Table 2)
89	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable up to 1100 volts	Ageing in air oven of Insulation & Sheath	IS 694:2010 (Reaff-2015), IS 10810(Pt-11)
90	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable up to 1100 volts	Cold Impact test (Above to 12.5 mm dia)	IS 694:2010 (Reaff-2015), IS 10810(Pt-21) (Table 1-(iii) c-9)
91	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable up to 1100 volts	Conductor Resistance	IS 694:2010 (Reaff-2015), IS: 8130 (Cl. 6.3)
92	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable up to 1100 volts	DC High Voltage test (Water immersion)	IS 694:2010 (Reaff-2015), IS 10810(Pt-45) (Cl. 10.1)
93	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable up to 1100 volts	Flammability test	IS 694:2010 (Reaff-2015) (Cl. 10.4)), IS 10810(Pt-53)
94	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable up to 1100 volts	Heat shock test of Insulation & Sheath	IS 694:2010 (Reaff-2015), IS 5831 (Cl. 4.1 (vii) table 1 & Cl 4.1 (v) Table 2)
95	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable up to 1100 volts	High Voltage test	IS 694:2010 (Reaff-2015) (Cl. 10.1 & 10.2), IS 5831
96	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable up to 1100 volts	High Voltage test	IS 694:2010 (Reaff-2015), IS 10810(Pt-45)
97	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable up to 1100 volts	Insulation resistance constant	IS 694:2010 (Reaff-2015) (Table 1 ii-(g) & e-3), IS 10810(Pt-43)
98	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable up to 1100 volts	Insulation resistance constant	IS 694:2010 (Reaff-2015), IS 5831 (Cl. 4.1 (ii))
99	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable up to 1100 volts	Loss of mass test of Insulation & Sheath	IS 694:2010 (Reaff-2015) (Table 1 iii-c-2 & d-2), IS 10810(Pt-10)
100	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable up to 1100 volts	Loss of mass test of Insulation & Sheath	IS 694:2010 (Reaff-2015), IS 5831 (Cl. 4.1 (v) Table 1 & Cl. 4.1 (iii) Table 2)

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	8 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
101	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable up to 1100 volts	Persulphate test	IS 694:2010 (Reaff-2015) (Table 1 ii-(g)& iii-(a)-5), IS: 8130
102	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable up to 1100 volts	Persulphate test	IS 694:2010 (Reaff-2015), IS 10810(Pt-4) (Cl. 6.1.1)
103	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable up to 1100 volts	Volume Resistivity	IS 694:2010 (Reaff-2015), IS 5831 (Cl. 4.1 (i) Table 1)
104	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable up to 1100 volts	Volume Resistivity	IS 694:2010 (Reaff-2015), IS: 10810(Pt-43)
105	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable up to 1100 volts	Wrapping Test for Aluminium Conductor	IS 694:2010 (Reaff-2015), IS 10810(Pt-3)
106	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable up to 1100 volts	Conductor Resistance	IS 694:2010 (Reaff-2015), IS 10810(Pt-5) (Table 1-(1)-a (III)-a-4)
107	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable up to 1100 volts	Annealing tests for Copper Conductor	IS 694:2010 (Reaff-2015), IS: 8130 (Cl. 6.1(6.1.2.1)
108	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable up to 1100 volts	Annealing tests for Copper Conductor	IS 694:2010 (Reaff-2015), IS 10810(Pt-1)
109	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable up to 1100 volts	Cold Bend test (Up to 12.5 mm dia)	IS 694:2010 (Reaff-2015), IS 10810(Pt-20) (Table 1-(iii) c--8)
110	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable up to 1100 volts	Hot deformation test of Insulation & Sheath	IS 694:2010 (Reaff-2015), IS 5831 (Cl. 4.1 (vi) Table 1 & Cl. 4.1 (iv) Table 2)
111	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable up to 1100 volts	Hot deformation test of Insulation & Sheath	IS 694:2010 (Reaff-2015) (Table 1 iii-(c)-6 & d-6), IS: 10810-15
112	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable up to 1100 volts	Shrinkage test of Insulation & Sheath	IS 694:2010 (Reaff -2015) (Table 1 (iii)-c-4 & d-4), IS 10810(Pt-12)
113	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable up to 1100 volts	Shrinkage test of Insulation & Sheath	IS 694:2010 (Reaff-2015), IS 5831 (Cl. 4.1 (viii) Table 1 & Cl. 4.1 (vi) Table 2)
114	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable up to 1100 volts	Tensile Strength for Aluminium Conductor	IS 694:2010 (Reaff-2015), IS 10810(Pt-2) (Cl.4.1 (iii) & (iv) Table 1 & Cl. 4.1 (i) & (ii) Table 2)
115	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable up to 1100 volts	Tensile Strength for Aluminium Conductor	IS 694:2010, IS: 8130 (Cl. 6.2 & 6.2.1)

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	9 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
116	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable up to 1100 volts	Thermal stability	IS 694:2010 (Reaff-2015) (Table 1 (iii) c-7 & d-7), IS 10810(Pt-60)
117	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable up to 1100 volts	Wrapping Test for Aluminium Conductor	IS 694:2010 (Reaff - 2015), IS: 8130 (Cl. 6.2 & 6.2.2)
118	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable up to 1100 volts	Thickness of Insulation Sheath & Diameter	IS 694:2010 (Reaff-2015) (Cl. 5.3, 8.3 & Cl. 9 Table 1 (iii) b), IS 10810(Pt-6)
119	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable with working Voltage upto 1100 V	Heat Shock of Insulation and Sheath	IS 694 Covered IS 5831-1984 with test method IS 10810(Part-14)-1984 (Table 1 c (5) & d (5))
120	ELECTRICAL- CABLES & WIRES	PVC Insulated cable with working Voltage upto 1100V	AC High Voltage Test (Water Immersion)	IS 10810 (Part-45)-1984, IS 694
121	ELECTRICAL- CABLES & WIRES	PVC Insulated cable with working Voltage upto 1100V	Additional Ageing Tests	IS 694 (Cl. 10.9 & 10.9.1)
122	ELECTRICAL- CABLES & WIRES	PVC Insulated cable with working Voltage upto 1100V	Ageing in Air Oven of Insulation and Sheath	IS 694 (Table 1 c (13) & d (iii))
123	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable with working voltage upto 1100V	annealing Tests for Copper conductor	IS 694 (Table 1 ii-(a) iii-a-1)
124	ELECTRICAL- CABLES & WIRES	PVC Insulated cable with working Voltage upto 1100V	Cold Bend Test (Upto 12.5 mm dia)	IS 10810(Part-20)- 1984, IS 694
125	ELECTRICAL- CABLES & WIRES	PVC Insulated cable with working Voltage upto 1100V	Cold Impact Test (Above 12.5 mm dia.)	IS 694
126	ELECTRICAL- CABLES & WIRES	PVC Insulated cable with working Voltage upto 1100V	Conductor Resistance	IS 694
127	ELECTRICAL- CABLES & WIRES	PVC Insulated cable with working Voltage upto 1100V	DC High Voltage Test	IS 694
128	ELECTRICAL- CABLES & WIRES	PVC Insulated cable with working Voltage upto 1100V	Flammability Test	IS 694
129	ELECTRICAL- CABLES & WIRES	PVC Insulated cable with working Voltage upto 1100V	High voltage Test	IS 694
130	ELECTRICAL- CABLES & WIRES	PVC Insulated cable with working Voltage upto 1100V	Hot Deformation Test of Insulation and Sheath	IS 694
131	ELECTRICAL- CABLES & WIRES	PVC Insulated cable with working Voltage upto 1100V	Insulation Resistance Constant	IS 694
132	ELECTRICAL- CABLES & WIRES	PVC Insulated cable with working Voltage upto 1100V	Loss of Mass	IS 694

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	10 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
133	ELECTRICAL- CABLES & WIRES	PVC Insulated cable with working Voltage upto 1100V	Persulphate	IS 694
134	ELECTRICAL- CABLES & WIRES	PVC Insulated cable with working Voltage upto 1100V	Shrinkage Test of Insulation and Sheath	IS 694
135	ELECTRICAL- CABLES & WIRES	PVC Insulated cable with working Voltage upto 1100V	Thickness of Insulation sheath & Diameter	IS 694
136	ELECTRICAL- CABLES & WIRES	PVC Insulated cable with working Voltage upto 1100V	Volume Resistivity	IS 694
137	ELECTRICAL- CABLES & WIRES	PVC Insulated cable with working Voltage upto 1100V	Wrapping for Aluminium conductor	IS 694 (Table 1 ii-(c) & (iii) a-3)
138	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable with Working Voltages upto 1100V	Copper Purity	IS 191
139	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable with Working Voltages upto 1100V	Tensile Strength & Elongation at break of Insulation & Sheath	IS 694 (Table 1 (ii)-f)
140	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable with Working Voltages upto 1100V	Tensile strength for Aluminium conductor	IS 694 (Table 1 (ii) b & (iii) a-2)
141	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable with Working Voltages upto 1100V	Thermal Stability	IS 694
142	ELECTRICAL- CABLES & WIRES	Tensile strength & Elongation at break of insulation & sheath	Tensile strength & Elongation at break of insulation & sheath	IS: 5831
143	ELECTRICAL- CABLES & WIRES	Test for Armouring wires and strips	Mass of Zinc Coating	IS 3975 (Cl. 9.1)-1999(Reaff-2014), IS 7098(P-1) (Reaff-2015) IS 1554 (Cl. 13.6 (f))
144	ELECTRICAL- CABLES & WIRES	Test for Armouring wires and strips	Dimension for armouring material	IS 10810(Pt-36)
145	ELECTRICAL- CABLES & WIRES	Test for Armouring wires and strips	Dimension for armouring material	IS 1554(P-1) (Cl. 13.3 & Table 5)-1988 (Reaff-2015), IS 7098(P-1)-1988 (Reaff-2015) IS 3975-1999(Reaff-2014), IS 7098(P-1)
146	ELECTRICAL- CABLES & WIRES	Test for Armouring wires and strips	Dimension for armouring material	IS 1554(P-1)-1988 (Reaff-2015), IS 7098(P-1)-1988 (Reaff-2015) IS 3975-1999(Reaff-2014), IS 7098(P-1)
147	ELECTRICAL- CABLES & WIRES	Test for Armouring wires and strips	Dimension for armouring material	IS 7098(P-1) (Cl. 13.3)-1988 (Reaff-2015) IS 3975-1999(Reaff-2014), IS 3975 (Reaff-2015) (Cl. 7, 7.1 & 7.2)

SCOPE OF ACCREDITATION

Laboratory Name : AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6104 **Page No** 11 of 120

Validity 10/08/2022 to 09/08/2024 **Last Amended on** 04/02/2023

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
148	ELECTRICAL- CABLES & WIRES	Test for Armouring wires and strips	Mass of Zinc Coating	IS 1554(P-1)-1988 (Reaff-2015) IS 7098(P-1)-1988 (Reaff-2015) IS 3975-1999(Reaff-2014), IS 7098(P-1)
149	ELECTRICAL- CABLES & WIRES	Test for Armouring wires and strips	Mass of Zinc Coating	IS 1554(P-1)-1988 (Reaff-2015), IS 7098(P-1)-1988 (Reaff-2015) IS 3975-1999(Reaff-2014), IS 10810(Pt-41)
150	ELECTRICAL- CABLES & WIRES	Test for Armouring wires and strips	Torsion test on Galvanized steel wire for armouring	IS 1554(P-1) (Cl.13.6(c))-1988 (Reaff-2015), IS 7098(P-1)-1988 (Reaff-2015) IS 3975-1999(Reaff-2014), IS 10810(Pt-38)
151	ELECTRICAL- CABLES & WIRES	Test for Armouring wires and strips	Torsion test on Galvanized steel wire for armouring	IS 1554(P-1)-1988 (Reaff-2015), IS 7098(P-1) (Cl. 13.6 (c))-1988 (Reaff-2015) IS 3975-1999(Reaff-2014), IS 7098(P-1)
152	ELECTRICAL- CABLES & WIRES	Test for Armouring wires and strips	Uniformity of Zinc coating	IS 1554(P-1) (Cl.13.6(e))-1988 (Reaff-2015), IS 7098(P-1) (Cl. 13.6 (e)-1988 (Reaff-2015) IS 3975-1999(Reaff-2014) (Cl. 9.2, 9.2.1), IS 7098(P-1)
153	ELECTRICAL- CABLES & WIRES	Test for Armouring wires and strips	Uniformity of Zinc coating	IS 1554(P-1)-1988 (Reaff-2015), IS 7098(P-1)-1988 (Reaff-2015) IS 3975-1999(Reaff-2014),IS 3975
154	ELECTRICAL- CABLES & WIRES	Test for Armouring wires and strips	Uniformity of Zinc coating	IS 1554(P-1)-1988 (Reaff-2015), IS 7098(P-1)-1988 (Reaff-2015) IS 3975-1999(Reaff-2014)IS 10810(Pt-40)
155	ELECTRICAL- CABLES & WIRES	Test for Armouring wires and strips	Uniformity of Zinc coating	IS 7098(P-1)-1988 (Reaff-2015) IS 3975-1999(Reaff-2014), IS 10810(Pt-40)
156	ELECTRICAL- CABLES & WIRES	Test for Armouring wires and strips	Winding test on Galvanized steel strips for armouring	IS 1554(P-1) (Cl.13.6(d))-1988 (Reaff-2015), IS 7098(P-1)-1988 (Reaff-2015) IS 3975-1999(Reaff-2014), IS 7098(P-1)

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	12 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
157	ELECTRICAL- CABLES & WIRES	Test for Armouring wires and strips	Winding test on Galvanized steel strips for armouring	IS 1554(P-1)-1988 (Reaff-2015), IS 7098(P-1)-1988 (Reaff-2015) IS 3975-1999(Reaff-2014), IS 10810(Pt-39)
158	ELECTRICAL- CABLES & WIRES	Test for Armouring wires and strips	Winding test on Galvanized steel strips for armouring	IS 1554(P-1)-1988 (Reaff-2015), IS 7098(P-1)-1988 (Reaff-2015) IS 3975-1999(Reaff-2014), IS 3975
159	ELECTRICAL- CABLES & WIRES	Test for Armouring wires and strips	Resistivity & Conductance test of Armour (Wires/strips)	IS 1554(P-1)(Cl. 13.6 (g))-1988 (Reaff-2015), IS 7098(P-1) (Cl.13.5.1 & 15.4 (c) Table 7)-1988 (Reaff-2015) IS 3975-1999(Reaff-2014), IS 7098(P-1)
160	ELECTRICAL- CABLES & WIRES	Test for Armouring wires and strips	Resistivity & Conductance test of Armour (Wires/strips)	IS 1554(P-1)-1988 (Reaff-2015), IS 7098(P-1)-1988 (Reaff-2015) IS 3975-1999(Reaff-2014), IS 3975
161	ELECTRICAL- CABLES & WIRES	Test for Armouring wires and strips	Tensile strength & Elongation at break	IS 1554(P-1)(Cl. 13.6 (a)& (b))-1988 (Reaff-2015), IS 7098(P-1)-1988 (Reaff-2015) (Cl.15.1 (d) (i) (e) (i)), IS 3975-1999(Reaff-2014) (Cl. 8.1), IS 10810(Pt-37)
162	ELECTRICAL- CABLES & WIRES	Test for Armouring wires and strips	Tensile strength & Elongation at break	IS 1554(P-1)-1988 (Reaff-2015), IS 7098(P-1)-1988 (Reaff-2015) IS 3975-1999(Reaff-2014), IS 3975
163	ELECTRICAL- CABLES & WIRES	Test for Armouring wires and strips	Mass of Zinc Coating	IS 7098(P-1)-1988 (Reaff-2015) IS 3975-1999(Reaff-2014), IS 3975
164	ELECTRICAL- CABLES & WIRES	Test for Armouring wires and strips	Dimension for armouring material	IS 1554 (Part-1)
165	ELECTRICAL- CABLES & WIRES	Test for Armouring wires and strips	Mass of Zinc Coating	IS 1554 (part-1)
166	ELECTRICAL- CABLES & WIRES	Test for Armouring wires and strips	Resistivity & Conductance test of Armour (Wires/strips)	IS 1554 (Part-1)
167	ELECTRICAL- CABLES & WIRES	Test for Armouring wires and strips	Tensile strength & Elongation at break	IS 1554 (Part-1)

SCOPE OF ACCREDITATION

Laboratory Name : AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6104 **Page No** 13 of 120

Validity 10/08/2022 to 09/08/2024 **Last Amended on** 04/02/2023

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
168	ELECTRICAL- CABLES & WIRES	Test for Armouring wires and strips	Torsion test on Galvanized steel wire for armouring	IS 1554 (Part-1)
169	ELECTRICAL- CABLES & WIRES	Test for Armouring wires and strips	Uniformity of Zinc coating	IS 1554 (Part-1)
170	ELECTRICAL- CABLES & WIRES	Test for Armouring wires and strips	Winding test on Galvanized steel strips for armouring	IS 1554 (Part-1)
171	ELECTRICAL- CABLES & WIRES	U V Radiation Effect	Retention of Elongation	ASTM G-154
172	ELECTRICAL- CABLES & WIRES	U V Radiation Effect	Retention of Tensile Strength	ASTM G-53,ASTM G-54 & ASTM G-154
173	ELECTRICAL- CABLES & WIRES	XLPE Insulated AB Cables up to 1100 volts	Ageing in air oven of Insulation	IS: 14255-1995(Reaffirmed-2010) (Cl.10.1 C(ii) & Cl. 5.1 Table 1)
174	ELECTRICAL- CABLES & WIRES	XLPE Insulated AB Cables up to 1100 volts	Breaking load tests of messenger conductor	IS: 14255-1995 (Reaffirmed-2010)
175	ELECTRICAL- CABLES & WIRES	XLPE Insulated AB Cables up to 1100 volts	Conductor resistance	IS: 14255-1995(Reaffirmed-2010)
176	ELECTRICAL- CABLES & WIRES	XLPE Insulated AB Cables up to 1100 volts	Elongation test of messenger conductor	IS:14255-1995(Reaffirmed-2010) (Cl.11.3)
177	ELECTRICAL- CABLES & WIRES	XLPE Insulated AB Cables up to 1100 volts	High Voltage test	IS: 14255-1995(Reaffirmed-2010)
178	ELECTRICAL- CABLES & WIRES	XLPE Insulated AB Cables up to 1100 volts	Hot set test XLPE Insulation	IS: 14255-1995(Reaffirmed-2010)
179	ELECTRICAL- CABLES & WIRES	XLPE Insulated AB Cables up to 1100 volts	Shrinkage test of Insulation	IS: 14255-1995(Reaffirmed-2010
180	ELECTRICAL- CABLES & WIRES	XLPE Insulated AB Cables up to 1100 volts	Tensile strength & Elongation at break of insulation	IS: 14255-1995(Reaffirmed-2010)
181	ELECTRICAL- CABLES & WIRES	XLPE Insulated AB Cables up to 1100 volts	Tensile strength for Aluminium Conductor	IS: 14255-1995(Reaffirmed-2010)
182	ELECTRICAL- CABLES & WIRES	XLPE Insulated AB Cables up to 1100 volts	Test on complete cable Bending test	IS: 14255-1995 (Cl.11.4)
183	ELECTRICAL- CABLES & WIRES	XLPE Insulated AB Cables up to 1100 volts	Thickness of Insulation	IS: 14255-1995(Reaffirmed-2010)
184	ELECTRICAL- CABLES & WIRES	XLPE Insulated AB Cables up to 1100 volts	Volume Resistivity	IS: 14255-1995(Reaffirmed-2010)
185	ELECTRICAL- CABLES & WIRES	XLPE Insulated AB Cables up to 1100 volts	Water absorption (gravimetric)	IS: 14255-1995(Reaffirmed-2010)

SCOPE OF ACCREDITATION

Laboratory Name : AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6104 **Page No** 14 of 120

Validity 10/08/2022 to 09/08/2024 **Last Amended on** 04/02/2023

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
186	ELECTRICAL- CABLES & WIRES	XLPE Insulated AB Cables up to 1100 volts	Wrapping Test for Aluminium Conductor	IS: 8130-2013, IS 10810(Pt-3)-1984, (Reaffirmed-2016), IS: 14255-1995(Reaffirmed-2010) (Cl. 10.1 (a)-(ii))
187	ELECTRICAL- CABLES & WIRES	XLPE Insulated AB Cables up to 1100 volts.	Ageing in air oven of Insulation	IS: 14255-1995(Reaffirmed-2010), IS 10810(Pt-11)-
188	ELECTRICAL- CABLES & WIRES	XLPE Insulated AB Cables up to 1100 volts.	Breaking load tests of messenger conductor	IS: 14255-1995(Reaffirmed-2010) (Cl.6.5 & Table 3), IS 10810(Pt-2)
189	ELECTRICAL- CABLES & WIRES	XLPE Insulated AB Cables up to 1100 volts.	Conductor resistance	IS: 14255-1995(Reaffirmed-2010) (Cl.10.1 (a) (iii)), IS: 8130 (Cl. 6.3 & 6.3.1)
190	ELECTRICAL- CABLES & WIRES	XLPE Insulated AB Cables up to 1100 volts.	Conductor resistance	IS: 14255-1995(Reaffirmed-2010), IS 10810(Pt-5)-
191	ELECTRICAL- CABLES & WIRES	XLPE Insulated AB Cables up to 1100 volts.	Conductor resistance tests of messenger conductor	IS: 14255-1995(Reaffirmed-2010), IS 10810(Pt- 5) Cl. 6.5 Table-3 & Cl. 10.1 b(iii)
192	ELECTRICAL- CABLES & WIRES	XLPE Insulated AB Cables up to 1100 volts.	Hot set test XLPE Insulation	IS: 14255-1995(Reaffirmed-2010) (Cl.10.1 c(iii)), IS 10810(Pt-30)
193	ELECTRICAL- CABLES & WIRES	XLPE Insulated AB Cables up to 1100 volts.	Tensile strength for Aluminium Conductor	IS: 14255-1995(Reaffirmed-2010), IS: 8130
194	ELECTRICAL- CABLES & WIRES	XLPE Insulated AB Cables up to 1100 volts.	Thickness of Insulation	IS: 14255-1995(Reaffirmed-2010) (Cl.7.2 & Table 4), IS 10810(Pt-6)-
195	ELECTRICAL- CABLES & WIRES	XLPE Insulated AB Cables up to 1100 volts.	Thickness of Insulation	IS: 14255-1995(Reaffirmed-2010), IS 10810(Pt-6)
196	ELECTRICAL- CABLES & WIRES	XLPE Insulated AB Cables up to 1100 volts.	Volume Resistivity	IS: 14255-1995(Reaffirmed-2010) (Cl.10.1 (f) Table 1 (vii)), IS 10810(Pt-43)
197	ELECTRICAL- CABLES & WIRES	XLPE Insulated AB Cables up to 1100 volts.	Wrapping Test for Aluminium Conductor	IS: 14255-1995(Reaffirmed-2010), IS 10810(Pt-3)

SCOPE OF ACCREDITATION

Laboratory Name : AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6104 **Page No** 15 of 120

Validity 10/08/2022 to 09/08/2024 **Last Amended on** 04/02/2023

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
198	ELECTRICAL- CABLES & WIRES	XLPE Insulated AB Cables up to 1100 volts.	High Voltage test	IS: 14255-1995(Reaffirmed-2010) (Cl.11.1 & 10.1 (g)), IS 10810(Pt-45)
199	ELECTRICAL- CABLES & WIRES	XLPE Insulated AB Cables up to 1100 volts.	Shrinkage test of Insulation	IS: 14255-1995(Reaffirmed-2010) (Cl.10.1 (c)-(iv)), IS 10810(Pt-12)
200	ELECTRICAL- CABLES & WIRES	XLPE Insulated AB Cables up to 1100 volts.	Tensile strength & Elongation at break of insulation	IS: 14255-1995(Reaffirmed-2010) (Cl.10.1 (c)-(i) & Table 1), IS 10810(Pt-7)
201	ELECTRICAL- CABLES & WIRES	XLPE Insulated AB Cables up to 1100 volts.	Tensile strength for Aluminium Conductor	IS: 14255-1995(Reaffirmed-2010) (Cl.10.1 (a)-(i) & 10.2 (a)), IS 10810(Pt-2)
202	ELECTRICAL- CABLES & WIRES	XLPE Insulated AB Cables up to 1100 volts.	Tensile strength for Aluminium Conductor	IS: 14255-1995(Reaffirmed-2010), IS: 8130
203	ELECTRICAL- CABLES & WIRES	XLPE Insulated PVC Sheathed Cables up to 1100 volts	Ageing in air oven of Insulation & Sheath	IS 7098(P-1)-1988 (Reaff-2015)
204	ELECTRICAL- CABLES & WIRES	XLPE Insulated PVC Sheathed Cables up to 1100 volts	Annealing tests for Copper Conductor	IS 7098(P-1)-1988 (Reaff-2015)
205	ELECTRICAL- CABLES & WIRES	XLPE Insulated PVC Sheathed Cables up to 1100 volts	Cold Bend test (Up to 12.5 mm dia)	IS 7098(P-1)-1988 (Reaff-2015)
206	ELECTRICAL- CABLES & WIRES	XLPE Insulated PVC Sheathed Cables up to 1100 volts	Cold Impact test (Above to 12.5 mm dia)	IS 7098(P-1)-1988 (Reaff-2015)
207	ELECTRICAL- CABLES & WIRES	XLPE Insulated PVC Sheathed Cables up to 1100 volts	Flammability test of Insulation & Sheath	IS: 7098(P-1)-1988 (Reaff-2015)
208	ELECTRICAL- CABLES & WIRES	XLPE Insulated PVC Sheathed Cables up to 1100 volts	Heat shock test of Sheath	IS 7098(P-1)-1988 (Reaff-2015)
209	ELECTRICAL- CABLES & WIRES	XLPE Insulated PVC Sheathed Cables up to 1100 volts	High Voltage test	IS 7098(P-1)-1988 (Reaff-2015)
210	ELECTRICAL- CABLES & WIRES	XLPE Insulated PVC Sheathed Cables up to 1100 volts	Hot deformation test of Sheath	IS 7098(P-1)-1988 (Reaff-2015)
211	ELECTRICAL- CABLES & WIRES	XLPE Insulated PVC Sheathed Cables up to 1100 volts	Hot set test XLPE Insulation only	IS: 7098(P-1)-1988 (Reaff-2015)
212	ELECTRICAL- CABLES & WIRES	XLPE Insulated PVC Sheathed Cables up to 1100 volts	Loss of mass test of Sheath	IS 7098(P-1)-1988 (Reaff-2015)

SCOPE OF ACCREDITATION

Laboratory Name : AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6104 **Page No** 16 of 120

Validity 10/08/2022 to 09/08/2024 **Last Amended on** 04/02/2023

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
213	ELECTRICAL- CABLES & WIRES	XLPE Insulated PVC Sheathed Cables up to 1100 volts	Shrinkage test of Insulation & Sheath	IS 7098(P-1)-1988 (Reaff-2015)
214	ELECTRICAL- CABLES & WIRES	XLPE Insulated PVC Sheathed Cables up to 1100 volts	Tensile strength & Elongation at break of insulation & sheath	IS 7098(P-1)-1988 (Reaff-2015)
215	ELECTRICAL- CABLES & WIRES	XLPE Insulated PVC Sheathed Cables up to 1100 volts	Tensile strength for Aluminium Conductor	IS 7098(P-1)-1988 (Reaff-2015)
216	ELECTRICAL- CABLES & WIRES	XLPE Insulated PVC Sheathed Cables up to 1100 volts	Thickness of Insulation & Sheath	IS: 7098(P-1)-1988 (Reaff-2015)
217	ELECTRICAL- CABLES & WIRES	XLPE Insulated PVC Sheathed Cables up to 1100 volts	Volume Resistivity	IS 7098(P-1)-1988 (Reaff-2015)
218	ELECTRICAL- CABLES & WIRES	XLPE Insulated PVC Sheathed Cables up to 1100 volts	Water absorption (gravimetric)	IS 7098(P-1)-1988 (Reaff-2015)
219	ELECTRICAL- CABLES & WIRES	XLPE Insulated PVC Sheathed Cables up to 1100 volts	Wrapping Test for Aluminium Conductor	IS: 8130-1984 IS 10810(Pt-3)-1984 (Reaffirmed-2016), IS 7098(P-1)-1988 (Reaff-2015)
220	ELECTRICAL- CABLES & WIRES	XLPE Insulated PVC Sheathed Cables up to 1100 volts.	Cold Impact test (Above to 12.5 mm dia)	IS 7098(P-1)-1988 (Reaff-2015) (Cl.15.4 (b)), IS 10810(Pt-21) (RA-2016)
221	ELECTRICAL- CABLES & WIRES	XLPE Insulated PVC Sheathed Cables up to 1100 volts.	Flammability test of Insulation & Sheath	IS 7098(P-1)-1988 (Reaff-2015) (Cl.16.3 & 15.1 (h)), IS 10810(Pt-53)
222	ELECTRICAL- CABLES & WIRES	XLPE Insulated PVC Sheathed Cables up to 1100 volts.	Heat shock test of Sheath	IS 7098(P-1)-1988 (Reaff-2015) (Cl.15.1 (e)-(vi)), IS: 5831 (Cl.4.1 Table-2- (v))
223	ELECTRICAL- CABLES & WIRES	XLPE Insulated PVC Sheathed Cables up to 1100 volts.	Heat shock test of Sheath	IS 7098(P-1)-1988 (Reaff-2015), IS 10810(Pt-14)
224	ELECTRICAL- CABLES & WIRES	XLPE Insulated PVC Sheathed Cables up to 1100 volts.	High Voltage test	IS 7098(P-1)-1988 (Reaff-2015) (Cl.16.1, 15.1 (g)), IS 10810(Pt-45)
225	ELECTRICAL- CABLES & WIRES	XLPE Insulated PVC Sheathed Cables up to 1100 volts.	Hot set test XLPE Insulation only	IS 7098(P-1)-1988 (Reaff-2015) (Cl.4.1 Table 1 (iv)), IS: 10810-30
226	ELECTRICAL- CABLES & WIRES	XLPE Insulated PVC Sheathed Cables up to 1100 volts.	Loss of mass test of Sheath	IS 7098(P-1)-1988 (Reaff-2015) (Cl.15.1 (e) (iii)), IS 5831
227	ELECTRICAL- CABLES & WIRES	XLPE Insulated PVC Sheathed Cables up to 1100 volts.	Loss of mass test of Sheath	IS 7098(P-1)-1988 (Reaff-2015), IS 10810(Pt-10)
228	ELECTRICAL- CABLES & WIRES	XLPE Insulated PVC Sheathed Cables up to 1100 volts.	Thickness of Insulation & Sheath	IS 7098(P-1)-1988 (Reaff-2015) (Cl.9, 12, 14 & Cl. 15.1 (c)), IS 10810(Pt-6)

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-6104
Page No	17 of 120
Validity	10/08/2022 to 09/08/2024
Last Amended on	04/02/2023

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
229	ELECTRICAL- CABLES & WIRES	XLPE Insulated PVC Sheathed Cables up to 1100 volts.	Volume Resistivity	IS 7098(P-1)-1988 (Reaff-2015) (Cl.15.1 (f) & Table 1 (vii)), IS 10810(Pt-43)
230	ELECTRICAL- CABLES & WIRES	XLPE Insulated PVC Sheathed Cables up to 1100 volts.	Wrapping Test for Aluminium Conductor	IS 7098(P-1)-1988 (Reaff-2015), IS 10810(Pt-3)
231	ELECTRICAL- CABLES & WIRES	XLPE Insulated PVC Sheathed Cables up to 1100 volts.	Wrapping Test for Aluminium Conductor	IS 7098(P-1)-1988 (Reaff-2015), IS: 8130
232	ELECTRICAL- CABLES & WIRES	XLPE Insulated PVC Sheathed Cables up to 1100 volts.	Wrapping Test for Aluminum Conductor	IS 7098(P-1)-1988 (Reaff-2015), IS: 8130
233	ELECTRICAL- CABLES & WIRES	XLPE Insulated PVC Sheathed Cables up to 1100 volts.	Ageing in air oven of Insulation & Sheath	IS 7098(P-1)-1988 (Reaff-2015) (Cl.4.1 Table 1 (iii)), IS 10810(Pt-11)
234	ELECTRICAL- CABLES & WIRES	XLPE Insulated PVC Sheathed Cables up to 1100 volts.	Ageing in air oven of Insulation & Sheath	IS 7098(P-1)-1988 (Reaff-2015), IS: 5831
235	ELECTRICAL- CABLES & WIRES	XLPE Insulated PVC Sheathed Cables up to 1100 volts.	Water absorption (gravimetric)	IS 7098(P-1)-1988 (Reaff-2015) (Cl.15.1 (v) & Table 1 (vi)), IS 10810(Pt-33)
236	ELECTRICAL- CABLES & WIRES	XLPE Insulated PVC Sheathed Cables up to 1100 volts.	Wrapping Test for Aluminum Conductor	IS 7098(P-1)-1988 (Reaff-2015) (Cl.15.1- a- (iii) & 15.2 (c)), IS: 10810-3 (Cl. 10.1) C(V)
237	ELECTRICAL- CABLES & WIRES	XLPE Insulated PVC Sheathed Cables up to 1100 volts.	Annealing tests for Copper Conductor	IS 7098(P-1)-1988 (Reaff-2015) (Cl.15.1 (a)-(i) & 15.2 (a)), IS: 8130
238	ELECTRICAL- CABLES & WIRES	XLPE Insulated PVC Sheathed Cables up to 1100 volts.	Cold Bend test (Up to 12.5 mm dia)	IS 7098(P-1)-1988 (Reaff-2015) (Cl.15.4 (a)), IS 10810(Pt-20)
239	ELECTRICAL- CABLES & WIRES	XLPE Insulated PVC Sheathed Cables up to 1100 volts.	Hot deformation test of Sheath	IS 7098(P-1)-1988 (Reaff-2015) (Cl.15.1 (e)-(v)), IS 10810(Pt-15)-
240	ELECTRICAL- CABLES & WIRES	XLPE Insulated PVC Sheathed Cables up to 1100 volts.	Hot deformation test of Sheath	IS 7098(P-1)-1988 (Reaff-2015), IS: 5831
241	ELECTRICAL- CABLES & WIRES	XLPE Insulated PVC Sheathed Cables up to 1100 volts.	Shrinkage test of Insulation & Sheath	IS 7098(P-1)-1988 (Reaff-2015) (Cl.15.1 (d) (iv) & (e) (iv)), IS 10810(Pt-12)
242	ELECTRICAL- CABLES & WIRES	XLPE Insulated PVC Sheathed Cables up to 1100 volts.	Shrinkage test of Insulation & Sheath	IS 7098(P-1)-1988 (Reaff-2015), IS: 5831
243	ELECTRICAL- CABLES & WIRES	XLPE Insulated PVC Sheathed Cables up to 1100 volts.	Tensile strength & Elongation at break of insulation & sheath	IS 7098(P-1)-1988 (Reaff-2015), IS 10810(Pt-7)
244	ELECTRICAL- CABLES & WIRES	XLPE Insulated PVC Sheathed Cables up to 1100 volts.	Tensile strength & Elongation at break of insulation & sheath	IS 7098(P-1)-1988 (Reaff-2015), IS: 5831

SCOPE OF ACCREDITATION

Laboratory Name : AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6104 **Page No** 18 of 120

Validity 10/08/2022 to 09/08/2024 **Last Amended on** 04/02/2023

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
245	ELECTRICAL- CABLES & WIRES	XLPE Insulated PVC Sheathed Cables up to 1100 volts.	Tensile strength for Aluminium Conductor	IS 7098(P-1)-1988 (Reaff-2015), IS: 8130
246	ELECTRICAL- CABLES & WIRES	XLPE Insulated PVC Sheathed Cables up to 1100 volts.	Thermal stability	IS 7098(P-1)-1988 (Reaff-2015) (Cl.15.1 (e)-(vii)), IS 10810(Pt-60)
247	ELECTRICAL- CABLES & WIRES	XLPE Insulated PVC Sheathed Cables up to 1100 volts.	Tensile strength for Aluminium Conductor	IS 7098(P-1)-1988 (Reaff-2015) (Cl.15.1 (a) (ii) & 15.2 (b)), IS 10810(Pt-2)
248	ELECTRICAL- CABLES & WIRES	XLPE Insulated PVC Sheathed Cables up to 1100 volts.	Thermal stability	IS 7098(P-1)-1988 (Reaff-2015)
249	ELECTRICAL- CABLES & WIRES	XLPE Insulated PVC Sheathed Cables up to 1100 volts.	Wrapping Test for Aluminum Conductor	IS: 8130-2013,IS: 10810-3:1984, (Reaff-2016), IS 7098(P-1)-1988 (Reaff-2015)
250	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Aluminium alloy strand conductor	Breaking Load	IS:398(Pt-4):1994 (Cl. 12.2, 12.2.1)
251	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Aluminium alloy strand conductor	Calculated Breaking Load of Conductor	IS:398(Pt-4) (Cl. 12.2, Table 1 & 2)
252	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Aluminium alloy strand conductor	Elongation	IS:398(Pt-4) (Cl. 12.3, 12.3.1)
253	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Aluminium alloy strand conductor	Resistance Test	IS:398(Pt-4) (Cl. 12.4, Table 1 & 2)
254	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Aluminium conductor and over head Transmission purpose	Breaking Load	IS:398(Pt-1) (Cl. 12.3, Table 1 & 2)
255	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Aluminium conductor and over head Transmission purpose	Measurement of diameter of individual aluminum wire	IS:398(Pt-1) (Cl. 12.2, Table 1)
256	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Aluminium conductor and over head Transmission purpose	Measurement of Lay Ratio	IS:398(Pt-1) (Cl. 12.6, 9.2 & Table 3)
257	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Aluminium conductor and over head Transmission purpose	Resistance Test	IS:398(Pt-1) (Cl. 12.5, Table 1 & 2)
258	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Aluminium conductor and over head Transmission purpose	Wrapping Test	IS:398(Pt-1) (Cl. 12.4)

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	19 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
259	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium strand conductor, Galvanized steel reinforced	Elongation	IS:398(Pt-2) (Cl. 13.4.2)
260	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium strand conductor, Galvanized steel reinforced	Breaking Load aluminum and galvanized steel wire	IS:398(Pt-2) (Cl. 13.3, 13.3.1)
261	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium strand conductor, Galvanized steel reinforced	Ductility Test (elongation %)	IS:398(Pt-2) (Cl. 13.4)
262	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium strand conductor, Galvanized steel reinforced	Galvanizing test	IS:398(Pt-2) (Cl. 13.7, 13.7.1 & 13.7.2)
263	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium strand conductor, Galvanized steel reinforced	Measurement of diameter of individual aluminum and galvanized steel wire	IS:398(Pt-2) (Cl. 13 2)
264	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium strand conductor, Galvanized steel reinforced	Torsion Test	IS:398(Pt-2) (Cl. 13.4.1)
265	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium strand conductor, Galvanized steel reinforced	Wrapping Test	IS:398(Pt-2) (Cl. 13.5, 13.5.1 & 13.5.2)
266	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium strand conductor, Galvanized steel reinforced	Measurement of lay ratio (CL.13.')	IS 398(Pt-2)
267	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium strand conductor, Galvanized steel reinforced	Resistance test (CL.13.6)	IS 398(Pt-2)
268	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium strand conductor, Galvanized steel reinforced	Stress-strain test (13.11),	IS 398(Pt-2)
269	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium strand conductor, Galvanized steel reinforced	Surface condition test	IS:398(Pt-2)
270	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium strand conductor, Galvanized steel reinforced	Test for ultimate breaking load on stranded conductor (13.10),	IS 398(Pt-2)
271	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	DOMESTIC ELECTRIC FOOD-MIXERS (LIQUIDIZERS & GRINDERS & CENTRIFUGAL JUICERS)	Abnormal Operation	:302-1(Cl. 19):2008 except (Cl 19.11.4.1 to Cl.19.11.4.4),and as per IS:4250 (Cl. 19): 1980 except (Cl 19.11.4.1 to Cl.19.11.4.4)

SCOPE OF ACCREDITATION

Laboratory Name : AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6104 **Page No** 20 of 120

Validity 10/08/2022 to 09/08/2024 **Last Amended on** 04/02/2023

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
272	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	DOMESTIC ELECTRIC FOOD-MIXERS (LIQUIDIZERS & GRINDERS & CENTRIFUGAL JUICERS)	Classification	IS:302-1(Cl. 5): 2008, IS:4250 (Cl. 6)
273	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	DOMESTIC ELECTRIC FOOD-MIXERS (LIQUIDIZERS & GRINDERS & CENTRIFUGAL JUICERS)	Components	IS:302-1(Cl. 24): 2008, IS:4250 (Cl. 24)
274	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	DOMESTIC ELECTRIC FOOD-MIXERS (LIQUIDIZERS & GRINDERS & CENTRIFUGAL JUICERS)	Construction	IS:302-1 (Cl. 22):2008, IS:4250 (Cl. 22)
275	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	DOMESTIC ELECTRIC FOOD-MIXERS (LIQUIDIZERS & GRINDERS & CENTRIFUGAL JUICERS)	Creepage Distances, Clearances And Distances Through Insulation	IS:4250 (Cl. 29)
276	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	DOMESTIC ELECTRIC FOOD-MIXERS (LIQUIDIZERS & GRINDERS & CENTRIFUGAL JUICERS)	Electrical Insulation And Leakage Current At Operating Temperature	IS 4250 (Cl. 13)
277	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	DOMESTIC ELECTRIC FOOD-MIXERS (LIQUIDIZERS & GRINDERS & CENTRIFUGAL JUICERS)	Endurance	IS:4250 (Cl. 18)
278	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	DOMESTIC ELECTRIC FOOD-MIXERS (LIQUIDIZERS & GRINDERS & CENTRIFUGAL JUICERS)	Finish	IS:302-1 (Cl. 33):2008, IS:4250 (Cl. 33)
279	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	DOMESTIC ELECTRIC FOOD-MIXERS (LIQUIDIZERS & GRINDERS & CENTRIFUGAL JUICERS)	Input (Cl. 10)	4250
280	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	DOMESTIC ELECTRIC FOOD-MIXERS (LIQUIDIZERS & GRINDERS & CENTRIFUGAL JUICERS)	Insulation Resistance And Electric Strength	IS:302-1(Cl. 16):2008, IS:4250 (Cl. 16)
281	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	DOMESTIC ELECTRIC FOOD-MIXERS (LIQUIDIZERS & GRINDERS & CENTRIFUGAL JUICERS)	Internal Wiring	IS:302-1 (Cl.23): 2008, IS:4250 (Cl. 23)
282	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	DOMESTIC ELECTRIC FOOD-MIXERS (LIQUIDIZERS & GRINDERS & CENTRIFUGAL JUICERS)	Leakage Currrent	IS:4250 (Cl. 13)
283	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	DOMESTIC ELECTRIC FOOD-MIXERS (LIQUIDIZERS & GRINDERS & CENTRIFUGAL JUICERS)	Marking	IS:4250 (Cl. 7)
284	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	DOMESTIC ELECTRIC FOOD-MIXERS (LIQUIDIZERS & GRINDERS & CENTRIFUGAL JUICERS)	Mechanical Strength	IS:302-1(Cl.21):2008, IS: 4250 (Cl. 21)
285	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	DOMESTIC ELECTRIC FOOD-MIXERS (LIQUIDIZERS & GRINDERS & CENTRIFUGAL JUICERS)	Moisture Resistance	IS:4250 (Cl. 15)
286	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	DOMESTIC ELECTRIC FOOD-MIXERS (LIQUIDIZERS & GRINDERS & CENTRIFUGAL JUICERS)	Operational Tests	IS 4250 (Cl. 34)
287	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	DOMESTIC ELECTRIC FOOD-MIXERS (LIQUIDIZERS & GRINDERS & CENTRIFUGAL JUICERS)	Protection against electric shock	IS:302-1 (Cl. 8): 2008 , IS:4250 (Cl. 8)
288	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	DOMESTIC ELECTRIC FOOD-MIXERS (LIQUIDIZERS & GRINDERS & CENTRIFUGAL JUICERS)	Provision For Earthing	IS:4250 (Cl. 27)
289	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	DOMESTIC ELECTRIC FOOD-MIXERS (LIQUIDIZERS & GRINDERS & CENTRIFUGAL JUICERS)	Rating	IS:302-1 (Cl.5): 2008, IS:4250 (Cl. 5)

SCOPE OF ACCREDITATION

Laboratory Name : AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6104 **Page No** 21 of 120

Validity 10/08/2022 to 09/08/2024 **Last Amended on** 04/02/2023

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
290	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	DOMESTIC ELECTRIC FOOD-MIXERS (LIQUIDIZERS & GRINDERS & CENTRIFUGAL JUICERS)	Resistance To Heat, Fire And Tracking	IS:4250 (Cl. 30)
291	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	DOMESTIC ELECTRIC FOOD-MIXERS (LIQUIDIZERS & GRINDERS & CENTRIFUGAL JUICERS)	Resistance To Rusting	IS:302-1 (Cl.31):2008, IS:4250 (Cl. 31)
292	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	DOMESTIC ELECTRIC FOOD-MIXERS (LIQUIDIZERS & GRINDERS & CENTRIFUGAL JUICERS)	Screws and Connections	IS:4250 (Cl. 28)
293	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	DOMESTIC ELECTRIC FOOD-MIXERS (LIQUIDIZERS & GRINDERS & CENTRIFUGAL JUICERS)	Stability and mechanical Hazards	IS:302-1:2008 & IS: 4250 (Cl. 20)
294	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	DOMESTIC ELECTRIC FOOD-MIXERS (LIQUIDIZERS & GRINDERS & CENTRIFUGAL JUICERS)	Starting	IS:4250 (Cl. 9)
295	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	DOMESTIC ELECTRIC FOOD-MIXERS (LIQUIDIZERS & GRINDERS & CENTRIFUGAL JUICERS)	Strength Of Assembly	IS 4250 (Cl. 37)
296	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	DOMESTIC ELECTRIC FOOD-MIXERS (LIQUIDIZERS & GRINDERS & CENTRIFUGAL JUICERS)	Supply Connections and External Flexible Cables and Cords	IS:302-1:2008, IS:4250 (Cl. 25)
297	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	DOMESTIC ELECTRIC FOOD-MIXERS (LIQUIDIZERS & GRINDERS & CENTRIFUGAL JUICERS)	Temperature Rise	IS 4250 (Cl. 11)
298	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	DOMESTIC ELECTRIC FOOD-MIXERS (LIQUIDIZERS & GRINDERS & CENTRIFUGAL JUICERS)	Temperature Withstand Test For Bowl	IS 4250 (Cl. 35)
299	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	DOMESTIC ELECTRIC FOOD-MIXERS (LIQUIDIZERS & GRINDERS & CENTRIFUGAL JUICERS)	Terminal For External Conductors	IS:302-1:2008, IS:4250 (Cl. 26)
300	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	DOMESTIC ELECTRIC FOOD-MIXERS (LIQUIDIZERS & GRINDERS & CENTRIFUGAL JUICERS)	Test for Controls	IS 4250 (Cl. 36)
301	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Components	IS: 302-2-3 (Cl. 24)
302	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Construction	IS: 302-2-3 (Cl. 22)
303	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Creepage distance & clearances / Clearances,` Creepage distances and solid insulations	IS: 302-2-3 (Cl. 29)
304	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Internal wiring	IS: 302-2-3 (Cl. 23)
305	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Leakage current and electric strength at operating temp.	IS 302-2-3 (Cl. 13)
306	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Mechanical strength	IS: 302-2-3 (Cl. 21)
307	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Moisture resistance &Leakage current and electric strength	IS: 302-2-3 (Cl. 15 & 16)

SCOPE OF ACCREDITATION

Laboratory Name : AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6104 **Page No** 22 of 120

Validity 10/08/2022 to 09/08/2024 **Last Amended on** 04/02/2023

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
308	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Power Input and Current	IS 302-2-3 (Cl. 10)
309	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Protection against access to live parts	IS 302-2-3 (Cl. 8)
310	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Provision for Earthing	IS: 302-2-3 (Cl. 27)
311	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Resistance to heat, fire	IS: 302-2-3 (Cl. 30)
312	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Screws and connections	IS: 302-2-3 (Cl. 28)
313	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Stability and mechanical hazards	IS: 302-2-3 (Cl. 20)
314	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Supply connection & external flexible cables & cords / Supply connection & external flexible cords	IS: 302-2-3 (Cl. 25)
315	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Temperature rise / Heating	IS 302-2-3 (Cl. 11)
316	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Terminals for external conductors	IS: 302-2-3 (Cl. 26)
317	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heater	Resistance to rusting	IS 302-2-201 (Cl. 31)
318	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heater	Abnormal operation	IS 302-2-201 (Cl. 19)
319	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heater	Components (Cl. 24)	IS 302-2-201
320	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heater	Construction	IS 302-2-201 (Cl. 22)
321	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heater	Creepage distance & clearances / Clearances,` Creepage distances and solid insulations	IS 302-2-201 (Cl. 29)
322	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric immersion water heater	Endurance	IS:368 (Cl. 18)
323	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heater	Internal wiring	IS 302-2-201 (Cl. 23)
324	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heater	Leakage current and electric strength at operating temp.	IS 302-2-201 (Cl. 13)

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	23 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
325	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heater	Marking & Instructions	IS 302-2-201 (Cl. 7)
326	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heater	Mechanical strength	IS 302-2-201 (Cl. 21)
327	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heater	Moisture resistance &Leakage current and electric strength	IS 302-2-201 (Cl. 15 & 16)
328	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric immersion water heater	Operation under overload condition of appliance with Heating Element	IS:368 (Cl. 12)
329	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heater	Overload protection of Transformers and associated circuits/Overload protection	IS 302-2-201 (Cl. 17)
330	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heater	Power Input & current	IS 302-2-201 (Cl. 10)
331	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heater	Protection against access to live parts (Cl. 8)	IS 302-2-201
332	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heater	Provision for Earthing	IS 302-2-201 (Cl. 27)
333	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heater	Resistance to heat, fire	IS 302-2-201 (Cl. 30)
334	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heater	Screws and connections	IS 302-2-201 (Cl. 28)
335	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heater	Stability and mechanical hazards	IS 302-2-201 (Cl. 20)
336	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heater	Supply connection & external flexible cables & cords / Supply connection & external flexible cords	IS 302-2-201 (Cl. 25)
337	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heater	Temperature rise / Heating	IS 302-2-201 (Cl. 11)
338	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heater	Terminals for external conductors (Cl. 26)	IS 302-2-201
339	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heater	Transient overvoltage (Cl. 14)	IS 302-2-201
340	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	ABNORMAL OPERATION (Cl. 19)	IS 302-2-35
341	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	CLASSIFICATION (CL. 6)	IS 302-2-35

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	24 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
342	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Clearances, creepage distances and solid insulation (Cl. 269)	IS 302-2-35
343	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Components	IS 302-2-35 (Cl. 24)
344	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Components (Cl. 24)	IS 302-2-35
345	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Construction	IS 302-2-35 (Cl. 22)
346	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Construction (Cl. 22)	IS 302-2-35
347	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Creepage distance & clearances / Clearances,` Creepage distances and solid insulations	IS 302-2-35 (Cl. 29)
348	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Endurance	IS 302-2-35 (Cl. 12)
349	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Endurance	IS:8978 (Cl. 12)
350	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Finish	IS:8978 (Cl. 10)
351	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Heating (Cl. 11)	IS 302-2-35
352	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Internal wiring	IS 302-2-35 (Cl. 23)
353	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Internal wiring (Cl. 23)	IS 302-2-35
354	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Leakage current and electric strength (Cl. 16)	IS 302-2-35
355	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Leakage current and electric strength at operating temp.	IS 302-2-35 (Cl. 13)
356	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Leakage current and electric strength at operating temperature (Cl. 13)	IS 302-2-35
357	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Marking & Instructions	IS 302-2-35 (Cl. 7)
358	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	MARKING AND INSTRUCTIONS (Cl. 7)	IS 302-2-35

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	25 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
359	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Mechanical strength	IS 302-2-35 (Cl. 21)
360	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Mechanical strength (Cl. 21)	IS 302-2-35
361	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Moisture resistance (Cl. 15)	IS 302-2-35
362	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Moisture resistance &Leakage current and electric strength	IS 302-2-35 (Cl. 15 & 16)
363	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Operation of flow switch	IS:8978 (Cl. 11)
364	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Overload protection of Transformers and associated circuits/Overload protection	IS 302-2-35 (Cl. 17)
365	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Overload protection of Transformers and associated circuits/Overload protection (Cl. 17)	IS 302-2-35
366	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Power input and current (Cl. 10)	IS 302-2-35
367	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Power Input and Current	IS 302-2-35 (Cl. 10)
368	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Protection against access to live parts	IS 302-2-35 (Cl. 8)
369	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	PROTECTION AGAINST ACCESS TO LIVE PARTS (Cl. 8)	IS 302-2-35
370	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Provision for Earthing	IS 302-2-35 (Cl. 27)
371	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Provision for earthing (Cl.27)	IS 302-2-35
372	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Radiation, toxicity and similar hazards (Cl. 32)	IS 302-2-35
373	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Resistance to heat and fire (Cl. 30)	IS 302-2-35
374	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Resistance to heat, fire	IS 302-2-35 (Cl. 30)
375	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Resistance to rusting	IS 302-2-35 (Cl. 31)
376	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Resistance to rusting (Cl. 31)	IS 302-2-35

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	26 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
377	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Screw and connections (Cl. 28)	IS 302-2-35
378	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Screws and connections	IS 302-2-35 (Cl. 28)
379	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Stability and mechanical hazards	IS 302-2-35 (Cl. 20)
380	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Stability and mechanical Hazards (Cl.20)	IS 302-2-35
381	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Supply connection & external flexible cables & cords / Supply connection & external flexible cords	IS 302-2-35 (Cl. 25)
382	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Supply connection and external flexible cords (Cl. 25)	IS 302-2-35
383	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Terminals for external conductors	IS 302-2-35 (Cl. 25)
384	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Terminals for external conductors (Cl. 26)	IS 302-2-35
385	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Transient overvoltages (Cl. 14)	IS 302-2-35
386	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Abnormal Operation (Cl. 19): 2007	IS 302-2-3
387	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Leakage current and electric strength IS 302-2-3 (Cl. 16)	IS 302-2-3
388	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Marking & Instructions	IS 302-2-3 (Cl. 7)
389	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Measurement of Cyclic Fluctuation of Temperature	IS 366 (Cl. 14)
390	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Measurement of Heating up time	IS 366 (Cl. 10)
391	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Measurement of Initial Over swing Temp and Heating up excess temperature	IS 366 (Cl. 13)
392	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Measurement of Sole plate temperature	IS 366 (Cl. 11)
393	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Measurement of Temp. Distribution	IS 366 (Cl. 12)
394	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Measurement of Thermostatic Stability	IS 366 (Cl. 16)

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	27 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
395	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Radiation, toxicity and similar hazards (Cl. 32 of IS 302-2-3:2007)	IS 302-2-3
396	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Resistance to rusting	IS: 302-2-3 (Cl. 31)
397	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Transient over voltage	IS 302-2-3 (Cl. 14)
398	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	ELECTRIC KETTLES AND JUGS FOR HOUSEHOLD AND SIMILAR USE	MARKING (Cl. 8)	IS 367
399	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Radiator	Endurance	IS:369 (Cl. 12)
400	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Radiator	Finish	IS:369 (Cl. 13)
401	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Radiator	Temp. rise of surface on which the appliance is placed or supported	IS:369 (Cl. 11)
402	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Radiator/ Room Heaters	Abnormal Operation (Cl. 19)	IS 302-2-30
403	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Radiator/ Room Heaters	Components (Cl. 24)	IS 302-2-30
404	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Radiator/ Room Heaters	Construction (Cl. 22)	IS 302-2-30
405	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Radiator/ Room Heaters	Creepage Distances and Clearances (Cl. 29)	IS 302-2-30
406	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Radiator/ Room Heaters	Internal Wiring (Cl. 23)	IS 302-2-30
407	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Radiator/ Room Heaters	Leakage current and electric strength (Cl. 16)	IS 302-2-30
408	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Radiator/ Room Heaters	Leakage current and electric strength at operating temp.	IS 302-2-30 (Cl. 13)
409	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Radiator/ Room Heaters	Marking & Instructions	IS 302-2-30 (Cl. 7)
410	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Radiator/ Room Heaters	Mechanical Strength (Cl. 21)	IS 302-2-30
411	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Radiator/ Room Heaters	Moisture Resistance (Cl.15)	IS 302-2-30
412	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Radiator/ Room Heaters	Overload protection of Transformers and associated circuits/Overload protection	IS:302-2-30 (Cl. 17)

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	28 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
413	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Radiator/ Room Heaters	Power Input and Current	IS 302-2-30 (Cl. 10)
414	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Radiator/ Room Heaters	Protection against access to live parts	IS 302-2-30 (Cl. 8)
415	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Radiator/ Room Heaters	Provision For Earthing (Cl. 27)	IS 302-2-30
416	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Radiator/ Room Heaters	Resistance To Heat and Fire (Cl. 30)	IS 302-2-30
417	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Radiator/ Room Heaters	Resistance To Rusting (Cl. 31)	IS 302-2-30
418	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Radiator/ Room Heaters	Screws and Connections (Cl. 28)	IS 302-2-30
419	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Radiator/ Room Heaters	Stability and mechanical Hazards (Cl. 20)	IS 302-2-30
420	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Radiator/ Room Heaters	Supply Connection and External Flexible Cables and Cords (Cl. 25)	IS 302-2-30
421	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Radiator/ Room Heaters	Temperature rise / Heating	IS 302-2-30 (Cl. 11)
422	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Radiator/ Room Heaters	Terminal For External Conductors (Cl. 26)	IS 302-2-30
423	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Radiator/ Room Heaters	Transient Over-voltages (Cl.14)	IS 302-2-30
424	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Abnormal operation	IS 4159 (Cl. 19)
425	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Abnormal Operation (Cl. 19)	4159
426	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Classification (Cl. 6)	4159
427	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Components	IS 4159 (Cl. 24)
428	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Components (Cl. 24)	4159
429	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Construction	IS 4159 (Cl. 22)
430	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Construction (Cl. 22)	4159

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-6104
Page No	29 of 120
Validity	10/08/2022 to 09/08/2024
Last Amended on	04/02/2023

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
431	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Creepage distance & clearances / Clearances,` Creepage distances and solid insulations	IS 4159 (Cl. 29)
432	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Creepage Distances, Clearances And Distances Through Insulation (Cl. 29)	4159
433	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Endurance	IS 4159 (Cl. 18)
434	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Endurance (Cl. 18)	4159
435	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Internal wiring	IS 4159 (Cl. 23)
436	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Internal Wiring (Cl. 23)	4159
437	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Leakage Current & Electric Strength at Operating Temperature (Cl. 13)	4159
438	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Leakage current and electric strength (Cl. 16)	4159
439	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Leakage current and electric strength at operating temp.	IS 4159 (Cl. 13)
440	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Marking & Instructions	IS 4159 (Cl. 7)
441	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Marking and Instructions (Cl. 7)	4159
442	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Mechanical strength	IS 4159 (Cl. 21)
443	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Mechanical Strength (Cl. 21)	4159
444	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Moisture resistance (Cl . 15)	4159
445	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Moisture resistance &Leakage current and electric strength	IS 4159 (Cl. 15 & 16)
446	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Overload protection of transformers and associated circuits. (Cl. 17)	4159
447	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Power Input and Current (Cl. 10)	4159

SCOPE OF ACCREDITATION

Laboratory Name : AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6104 **Page No** 30 of 120

Validity 10/08/2022 to 09/08/2024 **Last Amended on** 04/02/2023

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
448	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Power Input and Current	IS 4159 (Cl. 10)
449	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Protection against access to live parts	IS 4159 (Cl. 8)
450	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Protection against access to live parts (Cl. 8)	4159
451	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Provision for Earthing	IS 4159 (Cl. 27)
452	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Provision For Earthing (Cl. 27)	4159
453	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Resistance to heat, fire	IS 4159 (Cl. 30)
454	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Resistance To Heat, Fire And Tracking (Cl. 30)	4159
455	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Resistance to rusting	IS 4159 (Cl. 31)
456	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Resistance To Rusting (Cl. 31)	4159
457	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Screws and connections	IS 4159 (Cl. 28)
458	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Screws and Connections (Cl. 28)	4159
459	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Stability and mechanical hazards	IS 4159 (Cl. 20)
460	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Stability and mechanical Hazards (Cl. 20)	4159
461	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Starting of motor operated appliances (Cl. 9)	4159
462	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Supply connection & external flexible cables & cords / Supply connection & external flexible cords	IS 4159 (Cl. 25)
463	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Supply Connections and External Flexible Cables and Cords (Cl. 25)	4159
464	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Temperature rise / Heating	IS 4159 (Cl. 11)
465	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Temperature rise / Heating (C. 11)	4159

SCOPE OF ACCREDITATION

Laboratory Name : AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6104 **Page No** 31 of 120

Validity 10/08/2022 to 09/08/2024 **Last Amended on** 04/02/2023

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
466	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Terminal For External Conductors (Cl. 26)	4159
467	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Terminals for external conductors	IS 4159 (Cl. 25)
468	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Transient overvoltage (Cl. 14)	4159
469	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Safety of house hold and similar electrical appliances Warming Plates and Similar Appliances	Abnormal operation cl.19	IS 302-2-12
470	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Safety of house hold and similar electrical appliances Warming Plates and Similar Appliances	Components cl.24	IS 302-2-12
471	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Safety of house hold and similar electrical appliances Warming Plates and Similar Appliances	Construction cl. 22	IS 302-2-12
472	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Safety of house hold and similar electrical appliances Warming Plates and Similar Appliances	Creepage distance and clearances cl.29	IS 302-2-12
473	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Safety of house hold and similar electrical appliances Warming Plates and Similar Appliances	Electrical insulation and leakage current at operating temperature cl. 13	IS 302-2-12
474	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Safety of house hold and similar electrical appliances Warming Plates and Similar Appliances	input cl. 10	IS 302-2-12
475	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Safety of house hold and similar electrical appliances Warming Plates and Similar Appliances	Insulation resistance and electric strength (after humidity treatment) cl.16	IS 302-2-12
476	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Safety of house hold and similar electrical appliances Warming Plates and Similar Appliances	Internal wiring cl.23	IS 302-2-12
477	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Safety of house hold and similar electrical appliances Warming Plates and Similar Appliances	Mechanical strength cl.21	IS 302-2-12
478	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Safety of house hold and similar electrical appliances Warming Plates and Similar Appliances	Moisture resistance cl. 15	IS 302-2-12
479	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Safety of house hold and similar electrical appliances Warming Plates and Similar Appliances	Operation under overload conditions cl. 12	IS 302-2-12
480	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Safety of house hold and similar electrical appliances Warming Plates and Similar Appliances	Overload protection cl.17	IS 302-2-12
481	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Safety of house hold and similar electrical appliances Warming Plates and Similar Appliances	Protection against electric shock cl. 8	IS 302-2-12
482	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Safety of house hold and similar electrical appliances Warming Plates and Similar Appliances	Provision for earthing cl.27	IS 302-2-12
483	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Safety of house hold and similar electrical appliances Warming Plates and Similar Appliances	Provision for earthing cl.27	IS 302-2-12

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	32 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
484	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Safety of house hold and similar electrical appliances Warming Plates and Similar Appliances	Radiation hazards cl.32	IS 302-2-12
485	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Safety of house hold and similar electrical appliances Warming Plates and Similar Appliances	Radio and television interference suppression CL.14	IS 302-2-12
486	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Safety of house hold and similar electrical appliances Warming Plates and Similar Appliances	Resistance to heat fire and tracking cl.30	IS 302-2-12
487	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Safety of house hold and similar electrical appliances Warming Plates and Similar Appliances	Resistance to rusting cl.31	IS 302-2-12
488	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Safety of house hold and similar electrical appliances Warming Plates and Similar Appliances	Screws and connections cl.28	IS 302-2-12
489	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Safety of house hold and similar electrical appliances Warming Plates and Similar Appliances	Stability and mechanical hazards cl.20	IS 302-2-12
490	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Safety of house hold and similar electrical appliances Warming Plates and Similar Appliances	Supply connections and external flexible cords cl.25	IS 302-2-12
491	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Safety of house hold and similar electrical appliances Warming Plates and Similar Appliances	Temperature rise cl. 11	IS 302-2-12
492	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Safety of house hold and similar electrical appliances Warming Plates and Similar Appliances	Terminals for external conductors cl.26	IS 302-2-12
493	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Safety of household & similar Electrical Appliances (Adapters)	Abnormal operation	IS:302-1 (Cl. 19)
494	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Safety of household & similar Electrical Appliances (Adapters)	Abnormal operation	IS:302-1 (Cl. 19)
495	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Safety of household & similar Electrical Appliances (Adapters)	Components	IS:302-1 (Cl. 24)
496	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Safety of household & similar Electrical Appliances (Adapters)	Construction	IS:302-1 (Cl. 22)
497	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Safety of household & similar Electrical Appliances (Adapters)	Construction	IS:302-1 (Cl. 22)
498	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Safety of household & similar Electrical Appliances (Adapters)	Creepage distance & clearances / Clearances,` Creepage distances and solid insulations	IS:302-1 (Cl. 29)
499	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Safety of household & similar Electrical Appliances (Adapters)	Endurance	IS:302-1 (Cl. 18)
500	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Safety of household & similar Electrical Appliances (Adapters)	Endurance	IS:302-1 (Cl. 18)
501	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Safety of household & similar Electrical Appliances (Adapters)	Internal wiring	IS:302-1 (Cl. 23)

SCOPE OF ACCREDITATION

Laboratory Name : AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6104 **Page No** 33 of 120

Validity 10/08/2022 to 09/08/2024 **Last Amended on** 04/02/2023

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
502	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Safety of household & similar Electrical Appliances (Adapters)	Leakage current and electric strength at operating temp.	IS:302-1 (Cl. 13)
503	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Safety of household & similar Electrical Appliances (Adapters)	Marking & Instructions	IS:302-1 (Cl. 7)
504	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Safety of household & similar Electrical Appliances (Adapters)	Mechanical strength	IS:302-1 (Cl. 21)
505	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Safety of household & similar Electrical Appliances (Adapters)	Moisture resistance &Leakage current and electric strength	IS:302-1 (Cl. 15 & 16)
506	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Safety of household & similar Electrical Appliances (Adapters)	Overload protection of Transformers and associated circuits/Overload protection	IS:302-1 (Cl. 17)
507	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Safety of household & similar Electrical Appliances (Adapters)	Power Input and Current	IS:302-1 (Cl. 10)
508	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Safety of household & similar Electrical Appliances (Adapters)	Protection against access to live parts	IS:302-1 (Cl. 8)
509	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Safety of household & similar Electrical Appliances (Adapters)	Protection against access to live parts	IS:302-1 (Cl. 8)
510	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Safety of household & similar Electrical Appliances (Adapters)	Resistance to heat, fire	IS:302-1 (Cl. 30)
511	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Safety of household & similar Electrical Appliances (Adapters)	Resistance to rusting	IS:302-1 (Cl. 31)
512	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Safety of household & similar Electrical Appliances (Adapters)	Screws and connections	IS:302-1 (Cl. 28)
513	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Safety of household & similar Electrical Appliances (Adapters)	Stability and mechanical hazards	IS:302-1 (Cl. 20)
514	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Safety of household & similar Electrical Appliances (Adapters)	Stability and mechanical hazards	IS:302-1 (Cl. 20)
515	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Safety of household & similar Electrical Appliances (Adapters)	Supply connection & external flexible cables & cords / Supply connection & external flexible cords	IS:302-1 (Cl. 25)
516	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Safety of household & similar Electrical Appliances (Adapters)	Terminals for external conductors	IS:302-1 (Cl. 25)
517	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Safety of household & similar Electrical Appliances (Adapters)	Provision for Earthing	IS:302-1 (Cl. 27)
518	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Safety of household & similar Electrical Appliances (Adapters)	Temperature rise / Heating	IS:302-1 (Cl. 11)
519	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Safety of household & similar Electrical Appliances (Adapters)	Temperature rise / Heating	IS:302-1 (Cl. 11)

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	34 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
520	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES	Resistance to heat and fire	IS 302-2-26 (Cl. 30)
521	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES	Resistance to Rusting	IS 302-2-26 (Cl. 31)
522	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR CLOCKS	Abnormal operation	IS 302-2-26 (Cl. 19)
523	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR CLOCKS	Components	IS 302-2-26 (Cl. 24)
524	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR CLOCKS	Construction	IS 302-2-26 (Cl. 22)
525	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR CLOCKS	Heating	IS 302-2-26 (Cl. 11)
526	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR CLOCKS	Internal wiring	IS 302-2-26 (Cl. 23)
527	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR CLOCKS	Leakage Current & Electric Strength	IS 302-2-26 (Cl. 16)
528	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR CLOCKS	Leakage Current & Electric Strength at Operating Temperature	IS 302-2-26 (Cl. 15 & 16)
529	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR CLOCKS	Marking and instructions	IS 302-2-26 (Cl. 7)
530	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR CLOCKS	Mechanical strength	IS 302-2-26 (Cl. 21)
531	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR CLOCKS	Moisture resistance	IS 302-2-26 (Cl. 15)
532	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR CLOCKS	Overload Protection Of Transformer & Associated Circuit	IS 302-2-26 (Cl. 17)
533	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR CLOCKS	Protection against access to live parts	IS 302-2-26 (Cl. 8)
534	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR CLOCKS	Radiation, Toxicity and Similar Hazards	IS 302-2-26 (Cl. 32)
535	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR CLOCKS	Screws and connections	IS 302-2-26 (Cl. 28)
536	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR CLOCKS	Stability and mechanical hazards	IS 302-2-26 (Cl. 20)
537	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR CLOCKS	Supply connections and external flexible cords	IS 302-2-26 (Cl. 25)

SCOPE OF ACCREDITATION

Laboratory Name : AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6104 **Page No** 35 of 120

Validity 10/08/2022 to 09/08/2024 **Last Amended on** 04/02/2023

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
538	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR CLOCKS	Terminals for external conductors	IS 302-2-26 (Cl. 15)
539	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR CLOCKS	transient overvoltages	IS 302-2-26 (Cl. 14)
540	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR COOKING RANGES, HOBS, OVENS AND SIMILAR APPLIANCES	Abnormal operation	IS 302-2-6 (Cl. 19)
541	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR COOKING RANGES, HOBS, OVENS AND SIMILAR APPLIANCES	Components	IS 302-2-6 (Cl. 24)
542	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR COOKING RANGES, HOBS, OVENS AND SIMILAR APPLIANCES	Construction	IS 302-2-6 (Cl. 22)
543	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR COOKING RANGES, HOBS, OVENS AND SIMILAR APPLIANCES	Heating	IS 302-2-6 (Cl. 11)
544	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR COOKING RANGES, HOBS, OVENS AND SIMILAR APPLIANCES	Internal wiring	IS 302-2-6 (Cl. 23)
545	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR COOKING RANGES, HOBS, OVENS AND SIMILAR APPLIANCES	Leakage Current & Electric Strength	IS 302-2-6 (Cl. 16)
546	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR COOKING RANGES, HOBS, OVENS AND SIMILAR APPLIANCES	Leakage Current & Electric Strength at Operating Temperature	IS 302-2-6 (Cl. 13)
547	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR COOKING RANGES, HOBS, OVENS AND SIMILAR APPLIANCES	Marking and Instructions	IS 302-2-6 (Cl. 7)
548	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR COOKING RANGES, HOBS, OVENS AND SIMILAR APPLIANCES	Mechanical strength	IS 302-2-6 (Cl. 21)
549	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR COOKING RANGES, HOBS, OVENS AND SIMILAR APPLIANCES	Moisture resistance	IS 302-2-6 (Cl. 15)
550	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR COOKING RANGES, HOBS, OVENS AND SIMILAR APPLIANCES	Overload Protection Of Transformer & Associated Circuit	IS 302-2-6 (Cl. 17)
551	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR COOKING RANGES, HOBS, OVENS AND SIMILAR APPLIANCES	Power Input and current	IS 302-2-6 (Cl. 10)

SCOPE OF ACCREDITATION

Laboratory Name : AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6104 **Page No** 36 of 120

Validity 10/08/2022 to 09/08/2024 **Last Amended on** 04/02/2023

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
552	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR COOKING RANGES, HOBS, OVENS AND SIMILAR APPLIANCES	Protection against access to live parts	IS 302-2-6 (Cl. 8)
553	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR COOKING RANGES, HOBS, OVENS AND SIMILAR APPLIANCES	Radiation, Toxicity and Similar Hazards	IS 302-2-6 (Cl. 32)
554	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR COOKING RANGES, HOBS, OVENS AND SIMILAR APPLIANCES	Resistance to heat and fire	IS 302-2-6 (Cl. 30)
555	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR COOKING RANGES, HOBS, OVENS AND SIMILAR APPLIANCES	Screws and connections	IS 302-2-6 (Cl. 28)
556	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR COOKING RANGES, HOBS, OVENS AND SIMILAR APPLIANCES	Stability and mechanical hazards	IS 302-2-6 (Cl. 20)
557	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR COOKING RANGES, HOBS, OVENS AND SIMILAR APPLIANCES	Supply connections and external flexible cords	IS 302-2-6 (Cl. 25)
558	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR COOKING RANGES, HOBS, OVENS AND SIMILAR APPLIANCES	Terminals for external conductors	IS 302-2-6 (Cl. 25)
559	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR COOKING RANGES, HOBS, OVENS AND SIMILAR APPLIANCES	Transient overrvoltages	IS 302-2-6 (Cl. 14)
560	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC COFFEE MAKERS	Abnormal operations	IS 302-2-206 (Cl. 19)
561	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC COFFEE MAKERS	Components	IS 302-2-206 (Cl. 24)
562	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC COFFEE MAKERS	Construction	IS 302-2-206 (Cl. 22)
563	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC COFFEE MAKERS	Heating	IS 302-2-206 (Cl. 11)
564	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC COFFEE MAKERS	Internal wiring	IS 302-2-206 (Cl. 23)
565	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC COFFEE MAKERS	Leakage Current Electric Strength	IS 302-2-206 (Cl. 16)
566	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC COFFEE MAKERS	Leakage Current & Electric Strength at Operating Temperature	IS 302-2-206 (Cl. 13)

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	37 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
567	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC COFFEE MAKERS	Marking and instructions	IS 302-2-206 (Cl. 7)
568	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC COFFEE MAKERS	Mechanical strength	IS 302-2-206 (Cl. 21)
569	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC COFFEE MAKERS	Moisture Resistance	IS 302-2-206 (Cl. 15)
570	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC COFFEE MAKERS	Overload Protection Of Transformer & Associated Circuit	IS 302-2-206 (Cl. 17)
571	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC COFFEE MAKERS	Protection against access to live parts	IS 302-2-206 (Cl. 8)
572	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC COFFEE MAKERS	Radiation, Toxicity and Similar Hazards	IS 302-2-206 (Cl. 32)
573	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC COFFEE MAKERS	Resistance to heat and Fire	IS 302-2-206 (Cl. 29)
574	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC COFFEE MAKERS	Resistance to rusting	IS 302-2-206 (Cl. 31)
575	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC COFFEE MAKERS	Screws and connections	IS 302-2-206 (Cl. 28)
576	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC COFFEE MAKERS	Stability and Mechanical Hazards	IS 302-2-206 (Cl. 20)
577	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC COFFEE MAKERS	Supply connections and external flexible cords	IS 302-2-206 (Cl. 25)
578	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC COFFEE MAKERS	Terminals for external conductors (Cl. 26)	IS 302-2-206 (Cl. 26)
579	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC COFFEE MAKERS	Transient overvoltages	IS 302-2-206 (Cl. 14)
580	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC KITCHEN MACHINES	Abnormal operations	IS 302-2-14 (Cl. 19)
581	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC KITCHEN MACHINES	components	IS 302-2-14 (Cl. 24)
582	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC KITCHEN MACHINES	Construction	IS 302-2-14 (Cl. 22)
583	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC KITCHEN MACHINES	Heating	IS 302-2-14 (Cl. 11)
584	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC KITCHEN MACHINES	Internal wiring	IS 302-2-14 (Cl. 23)

SCOPE OF ACCREDITATION

Laboratory Name : AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6104 **Page No** 38 of 120

Validity 10/08/2022 to 09/08/2024 **Last Amended on** 04/02/2023

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
585	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC KITCHEN MACHINES	Leakage Current & Electric Strength	IS 302-2-14 (Cl. 16)
586	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC KITCHEN MACHINES	Leakage Current & Electric Strength at Operating Temperature	IS 302-2-14 (Cl. 13)
587	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC KITCHEN MACHINES	Marking ad instructions	IS 302-2-14 (Cl. 7)
588	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC KITCHEN MACHINES	Marking and instructions	IS 302-2-14 (Cl. 7)
589	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC KITCHEN MACHINES	Mechanical strength	IS 302-2-14 (Cl. 21)
590	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC KITCHEN MACHINES	Moisture resistance	IS 302-2-14 (Cl. 15)
591	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC KITCHEN MACHINES	Overload Protection Of Transformer & Associated Circuit	IS 302-2-14 (Cl. 17)
592	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC KITCHEN MACHINES	Power Input and current	IS 302-2-14 (Cl. 10)
593	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC KITCHEN MACHINES	Protection against access to live parts	IS 302-2-14 (Cl. 8)
594	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC KITCHEN MACHINES	Radiation, Toxicity and Similar Hazards	IS 302-2-14 (Cl. 32)
595	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC KITCHEN MACHINES	Resistance to heat and fire	IS 302-2-14 (Cl. 30)
596	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC KITCHEN MACHINES	Screws and connections	IS 302-2-14 (Cl. 28)
597	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC KITCHEN MACHINES	Stability and mechanical hazards	IS 302-2-14 (Cl. 20)
598	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC KITCHEN MACHINES	Supply connections and external flexible cords	IS 302-2-14 (Cl. 25)
599	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC KITCHEN MACHINES	Terminals for external conductors	IS 302-2-14 (Cl. 25)
600	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC KITCHEN MACHINES	Transient overvoltages	IS 302-2-14 (Cl. 14)
601	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR FANS	Abnormal operation	IS 302-2-80 (Cl. 19)
602	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR FANS	Components	IS 302-2-80 (Cl. 24)

SCOPE OF ACCREDITATION

Laboratory Name : AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6104 **Page No** 39 of 120

Validity 10/08/2022 to 09/08/2024 **Last Amended on** 04/02/2023

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
603	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR FANS	Construction	IS 302-2-80 (Cl. 22)
604	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR FANS	Finish	IS 302-2-80 (Cl. 33)
605	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR FANS	Heating	IS 302-2-80 (Cl. 11)
606	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR FANS	Internal wiring	IS 302-2-80 (Cl. 23)
607	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR FANS	Leakage Current & Electric Strength	IS 302-2-80 (Cl. 16)
608	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR FANS	Leakage Current & Electric Strength at Operating Temperature	IS 302-2-80 (Cl. 13)
609	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR FANS	Marking and instructions	IS 302-2-80 (Cl. 7)
610	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR FANS	Mechanical strength	IS 302-2-80 (Cl. 21)
611	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR FANS	Moisture resistance	IS 302-2-80 (Cl. 15)
612	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR FANS	Overload Protection Of Transformer & Associated Circuit	IS 302-2-80 (Cl. 17)
613	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR FANS	Power input and current	IS 302-2-80 (Cl. 10)
614	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR FANS	Protection against access to live parts	IS 302-2-80 (Cl. 8)
615	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR FANS	Radiation, Toxicity and Similar Hazards	IS 302-2-80 (Cl. 32)
616	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR FANS	Resistance to heat and fire	IS 302-2-80 (Cl. 30)
617	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR FANS	Resistance to rusting	IS 302-2-80 (Cl. 31)
618	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR FANS	Screws and connections	IS 302-2-80 (Cl. 28)
619	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR FANS	Stability and mechanical hazards	IS 302-2-80 (Cl. 20)
620	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR FANS	Supply connections and external flexible cords	IS 302-2-80 (Cl. 25)

SCOPE OF ACCREDITATION

Laboratory Name : AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6104 **Page No** 40 of 120

Validity 10/08/2022 to 09/08/2024 **Last Amended on** 04/02/2023

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
621	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR FANS	Terminals for external conductors	IS 302-2-80 (Cl. 25)
622	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR FANS	Transient overvoltages	IS 302-2-80 (Cl. 14)
623	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR HEATING LIQUIDS	Abnormal operation	IS 302-2-15 (Cl. 19)
624	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR HEATING LIQUIDS	Components	IS 302-2-15 (Cl. 24)
625	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR HEATING LIQUIDS	Heating	IS 302-2-15 (Cl. 11)
626	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR HEATING LIQUIDS	Internal Wiring	IS 302-2-15 (Cl. 23)
627	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR HEATING LIQUIDS	Leakage current & electric strength	IS 302-2-15 (Cl. 16)
628	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR HEATING LIQUIDS	Leakage Current & Electric Strength at Operating Temperature	IS 302-2-15 (Cl. 13)
629	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR HEATING LIQUIDS	Marking & Instructions	IS 302-2-15 (Cl. 7)
630	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR HEATING LIQUIDS	Mechanical strength	IS 302-2-15 (Cl. 21)
631	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR HEATING LIQUIDS	Moisture resistance	IS 302-2-15 (Cl. 15)
632	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR HEATING LIQUIDS	Overload Protection Of Transformer & Associated Circuit	IS 302-2-15 (Cl. 17)
633	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR HEATING LIQUIDS	Power input and current	IS 302-2-15 (Cl. 10)
634	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR HEATING LIQUIDS	Protection against access to live parts	IS 302-2-15 (Cl. 8)
635	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR HEATING LIQUIDS	Radiation, Toxicity and Similar Hazards	IS 302-2-15 (Cl. 32)
636	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR HEATING LIQUIDS	Resistance to heat and fire	IS 302-2-15 (Cl. 30)
637	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR HEATING LIQUIDS	Screws and connections	IS 302-2-15 (Cl. 28)
638	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR HEATING LIQUIDS	Stability and mechanical hazards	IS 302-2-15 (Cl. 20)

SCOPE OF ACCREDITATION

Laboratory Name : AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6104 **Page No** 41 of 120

Validity 10/08/2022 to 09/08/2024 **Last Amended on** 04/02/2023

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
639	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR HEATING LIQUIDS	Supply connections and external flexible cords	IS 302-2-15 (Cl. 25)
640	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR HEATING LIQUIDS	Terminals for external conductors (Cl. 26)	IS 302-2-15 (Cl. 26)
641	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR HEATING LIQUIDS	Transient over voltages	IS 302-2-15 (Cl. 14)
642	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR INSECT KILLERS	Abnormal operation	IS 302-2-59 (Cl. 19)
643	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR INSECT KILLERS	Components	IS 302-2-59 (Cl. 24)
644	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR INSECT KILLERS	Construction	IS 302-2-59 (Cl. 22)
645	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR INSECT KILLERS	Heating	IS 302-2-59 (Cl. 11)
646	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR INSECT KILLERS	Internal wiring	IS 302-2-59 (Cl. 23)
647	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR INSECT KILLERS	Leakage Current & Electric Strength	IS 302-2-59 (Cl. 16)
648	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR INSECT KILLERS	Leakage Current & Electric Strength at Operating Temperature	IS 302-2-59 (Cl. 13)
649	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR INSECT KILLERS	Marking and instructions	IS 302-2-59 (Cl. 7)
650	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR INSECT KILLERS	Mechanical strength	IS 302-2-59 (Cl. 21)
651	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR INSECT KILLERS	Moisture resistance	IS 302-2-59 (Cl. 15)
652	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR INSECT KILLERS	Overload Protection Of Transformer & Associated Circuit	IS 302-2-59 (Cl. 17)
653	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR INSECT KILLERS	Power Input and current	IS 302-2-59 (Cl. 10)
654	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR INSECT KILLERS	Protection against access to live parts	IS 302-2-59 (Cl. 8)
655	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR INSECT KILLERS	Radiation, Toxicity and Similar Hazards	IS 302-2-59 (Cl. 32)
656	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR INSECT KILLERS	Resistance to heat and fire	IS 302-2-59 (Cl. 30)

SCOPE OF ACCREDITATION

Laboratory Name : AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6104 **Page No** 42 of 120

Validity 10/08/2022 to 09/08/2024 **Last Amended on** 04/02/2023

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
657	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR INSECT KILLERS	Resistance to rusting	IS 302-2-59 (Cl. 31)
658	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR INSECT KILLERS	Screws and connections	IS 302-2-59 (Cl. 28)
659	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR INSECT KILLERS	Stability and mechanical hazards	IS 302-2-59 (Cl. 20)
660	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR INSECT KILLERS	Supply connections and external flexible cords	IS 302-2-59 (Cl. 25)
661	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR INSECT KILLERS	Terminals for external conductors	IS 302-2-59 (Cl. 25)
662	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR INSECT KILLERS	Transient Overvoltage	IS 302-2-59 (Cl. 14)
663	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR MASSAGE APPLIANCE	Radiation, Toxicity and Similar Hazards	IS 302-2-32 (Cl. 32)
664	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR MASSAGE APPLIANCES	Abnormal operation	IS 302-2-32 (Cl. 19)
665	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR MASSAGE APPLIANCES	Components	IS 302-2-32 (Cl. 24)
666	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR MASSAGE APPLIANCES	Construction	IS 302-2-32 (Cl. 22)
667	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR MASSAGE APPLIANCES	Heating	IS 302-2-32 (Cl. 11)
668	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR MASSAGE APPLIANCES	Internal wiring	IS 302-2-32 (Cl. 23)
669	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR MASSAGE APPLIANCES	Leakage Current & Electric Strength	IS 302-2-32 (Cl. 16)
670	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR MASSAGE APPLIANCES	Leakage Current & Electric Strength at Operating Temperature	IS 302-2-32 (Cl. 13)
671	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR MASSAGE APPLIANCES	Marking and instructions	IS 302-2-32 (Cl. 7)
672	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR MASSAGE APPLIANCES	Mechanical strength	IS 302-2-32 (Cl. 21)
673	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR MASSAGE APPLIANCES	Moisture resistance	IS 302-2-32 (Cl. 15)
674	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR MASSAGE APPLIANCES	Overload Protection Of Transformer & Associated Circuit	IS 302-2-32 (Cl. 17)

SCOPE OF ACCREDITATION

Laboratory Name : AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6104 **Page No** 43 of 120

Validity 10/08/2022 to 09/08/2024 **Last Amended on** 04/02/2023

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
675	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR MASSAGE APPLIANCES	Power input and current	IS 302-2-32 (Cl. 10)
676	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR MASSAGE APPLIANCES	Protection against access to live parts	IS 302-2-32 (Cl. 8)
677	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR MASSAGE APPLIANCES	Resistance to heat and fire	IS 302-2-32 (Cl. 30)
678	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR MASSAGE APPLIANCES	Resistance to Rusting	IS 302-2-32 (Cl. 31)
679	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR MASSAGE APPLIANCES	Screws and connections	IS 302-2-32 (Cl. 28)
680	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR MASSAGE APPLIANCES	Stability and mechanical hazards	IS 302-2-32 (Cl. 20)
681	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR MASSAGE APPLIANCES	Supply connections and external flexible cords	IS 302-2-32 (Cl. 25)
682	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR MASSAGE APPLIANCES	Terminals for external conductors	IS 302-2-32 (Cl. 25)
683	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR MASSAGE APPLIANCES	Transient overvoltages	IS 302-2-32 (Cl. 14)
684	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR SKIN AND HAIR CARE	Leakage Current & Electric Strength at Operating Temperature	IS 302-2-23 (Cl. 13)
685	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR SKIN OR HAIR CARE	Heating	IS 302-2-23 (Cl. 11)
686	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR SKIN OR HAIR CARE	Abnormal operations	IS 302-2-23 (Cl. 19)
687	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR SKIN OR HAIR CARE	Components	IS 302-2-23 (Cl. 24)
688	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR SKIN OR HAIR CARE	Construction	IS 302-2-23 (Cl. 22)
689	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR SKIN OR HAIR CARE	Internal Wiring	IS 302-2-23 (Cl. 23)
690	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR SKIN OR HAIR CARE	Leakage Current and Electric Strength	IS 302-2-23 (Cl. 16)
691	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR SKIN OR HAIR CARE	Marking & Instructions	IS 302-2-23 (Cl. 7)
692	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR SKIN OR HAIR CARE	Mechanical Strength	IS 302-2-23 (Cl. 21)

SCOPE OF ACCREDITATION

Laboratory Name : AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6104 **Page No** 44 of 120

Validity 10/08/2022 to 09/08/2024 **Last Amended on** 04/02/2023

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
693	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR SKIN OR HAIR CARE	Moisture resistance	IS 302-2-23 (Cl. 15)
694	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR SKIN OR HAIR CARE	Overload Protection Of Transformer & Associated Circuit / Overload Protection	IS 302-2-23 (Cl. 17)
695	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR SKIN OR HAIR CARE	Power input and current	IS 302-2-23 (Cl. 10)
696	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR SKIN OR HAIR CARE	Protection against access to live parts	IS 302-2-23 (Cl. 8)
697	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR SKIN OR HAIR CARE	Radiation, Toxicity and Similar Hazards	IS 302-2-23 (Cl. 32)
698	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR SKIN OR HAIR CARE	Resistance to heat and fire	IS 302-2-2 (Cl. 30)
699	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR SKIN OR HAIR CARE	Screws and connections	IS 302-2-23 (Cl. 28)
700	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR SKIN OR HAIR CARE	Stability and Mechanical Hazards	IS 302-2-23 (Cl. 20)
701	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR SKIN OR HAIR CARE	Supply connections and external flexible cords	IS 302-2-23 (Cl. 25)
702	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR SKIN OR HAIR CARE	Terminals for external conductors	IS 302-2-23 (Cl. 25)
703	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR SKIN OR HAIR CARE	Transient Over voltages	IS 302-2-23 (Cl. 14)
704	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR TOASTERS, GRILLS, ROASTERS & SIMILAR APPLIANCES	Heating	IS 302-2-9 (Cl. 11)
705	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR TOASTERS, GRILLS, ROASTERS AND SIMILAR APPLIANCES	Abnormal operation	IS 302-2-9 (Cl. 19)
706	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR TOASTERS, GRILLS, ROASTERS AND SIMILAR APPLIANCES	Components	IS 302-2-9 (Cl. 24)
707	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR TOASTERS, GRILLS, ROASTERS AND SIMILAR APPLIANCES	Construction	IS 302-2-9 (Cl. 22)
708	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR TOASTERS, GRILLS, ROASTERS AND SIMILAR APPLIANCES	Internal wiring	IS 302-2-9 (Cl. 23)

SCOPE OF ACCREDITATION

Laboratory Name : AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6104 **Page No** 45 of 120

Validity 10/08/2022 to 09/08/2024 **Last Amended on** 04/02/2023

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
709	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR TOASTERS, GRILLS, ROASTERS AND SIMILAR APPLIANCES	Leakage Current Electric Strength	IS 302-2-9 (Cl. 16)
710	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR TOASTERS, GRILLS, ROASTERS AND SIMILAR APPLIANCES	Leakage Current & Electric Strength at Operating Temperature	IS 302-2-9 (Cl. 13)
711	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR TOASTERS, GRILLS, ROASTERS AND SIMILAR APPLIANCES	Marking & Instructions	IS 302-2-9 (Cl. 7)
712	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR TOASTERS, GRILLS, ROASTERS AND SIMILAR APPLIANCES	Mechanical strength	IS 302-2-9 (Cl. 21)
713	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR TOASTERS, GRILLS, ROASTERS AND SIMILAR APPLIANCES	Moisture resistance	IS 302-2-9 (Cl. 15)
714	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR TOASTERS, GRILLS, ROASTERS AND SIMILAR APPLIANCES	Overload Protection Of Transformer & Associated Circuit	IS 302-2-9 (Cl. 17)
715	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR TOASTERS, GRILLS, ROASTERS AND SIMILAR APPLIANCES	Power Input and current	IS 302-2-9 (Cl. 10)
716	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR TOASTERS, GRILLS, ROASTERS AND SIMILAR APPLIANCES	Protection against access to live parts	IS 302-2-9 (Cl. 8)
717	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR TOASTERS, GRILLS, ROASTERS AND SIMILAR APPLIANCES	Radiation, Toxicity and Similar Hazards	IS 302-2-9 (Cl. 32)
718	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR TOASTERS, GRILLS, ROASTERS AND SIMILAR APPLIANCES	Resistance to heat and fire	IS 302-2-9 (Cl. 30)
719	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR TOASTERS, GRILLS, ROASTERS AND SIMILAR APPLIANCES	Screws and connections	IS 302-2-9 (Cl. 28)
720	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR TOASTERS, GRILLS, ROASTERS AND SIMILAR APPLIANCES	Stability and Mechanical Hazards	IS 302-2-9 (Cl. 20)
721	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR TOASTERS, GRILLS, ROASTERS AND SIMILAR APPLIANCES	Supply connections and external flexible cords	IS 302-2-9 (Cl. 25)
722	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR TOASTERS, GRILLS, ROASTERS AND SIMILAR APPLIANCES	Terminals for external conductors (Cl. 26)	IS 302-2-9 (Cl. 26)

SCOPE OF ACCREDITATION

Laboratory Name : AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6104 **Page No** 46 of 120

Validity 10/08/2022 to 09/08/2024 **Last Amended on** 04/02/2023

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
723	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR TOASTERS, GRILLS, ROASTERS AND SIMILAR APPLIANCES	Transient Over Voltages	IS 302-2-9 (Cl. 14)
724	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES	Clearances, Creepage distance & Solid insulation	IS 302-2-26 (Cl. 29)
725	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR CLOCKS	Classification	IS 302-2-26 (Cl. 6)
726	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR CLOCKS	Power input and current	IS 302-2-26 (Cl. 10)
727	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR CLOCKS	Provision for earthing	IS 302-2-26 (Cl. 27)
728	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR COOKING RANGES, HOBS, OVENS AND SIMILAR APPLIANCES	Classification	IS 302-2-6 (Cl. 6)
729	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR COOKING RANGES, HOBS, OVENS AND SIMILAR APPLIANCES	Clearances, Creepage distance & Solid insulation	IS 302-2-6 (Cl. 29)
730	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR COOKING RANGES, HOBS, OVENS AND SIMILAR APPLIANCES	Provision for earthing	IS 302-2-6 (Cl. 27)
731	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC COFFEE MAKERS	Classification	IS 302-2-206 (Cl. 6)
732	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC COFFEE MAKERS	Clearances, Creepage distance & Solid insulation	IS 302-2-206 (Cl. 29)
733	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC COFFEE MAKERS	Power input and current	IS 302-2-206 (Cl. 10)
734	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC COFFEE MAKERS	Provision for Earthing	IS 302-2-206 (Cl. 27)
735	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC KITCHEN MACHINES	Classification	IS 302-2-14 (Cl. 6)
736	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC KITCHEN MACHINES	Clearances, Creepage distance & Solid insulation	IS 302-2-14 (Cl. 29)
737	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC KITCHEN MACHINES	Provision for earthing	IS 302-2-14 (Cl. 27)
738	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR FANS	Classifications	IS 302-2-80 (Cl. 6)
739	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR FANS	Clearances, Creepage distance & Solid insulation	IS 302-2-80 (Cl. 29)

SCOPE OF ACCREDITATION

Laboratory Name : AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6104 **Page No** 47 of 120

Validity 10/08/2022 to 09/08/2024 **Last Amended on** 04/02/2023

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
740	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR FANS	Provision for earthing	IS 302-2-80 (Cl. 27)
741	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR HEATING LIQUIDS	Clearances, Creepage distance & Solid insulation	IS 302-2-15 (Cl. 29)
742	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR HEATING LIQUIDS	Construction	IS 302-2-5 (Cl. 22): 2009 except Cl 22.32
743	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR HEATING LIQUIDS	Provision for Earthing	IS 302-2-15 (Cl. 27)
744	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR INSECT KILLERS	Classification	IS 302-2-59 (Cl. 6)
745	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR INSECT KILLERS	Clearances, Creepage distance & Solid insulation	IS 302-2-59 (Cl. 29)
746	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR INSECT KILLERS	Provision for earthing	IS 302-2-59 (Cl. 27)
747	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR MASSAGE APPLIANCES	Classification	IS 302-2-32 (Cl. 6)
748	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR MASSAGE APPLIANCES	Clearances, Creepage distance & Solid insulation	IS 302-2-32 (Cl. 29)
749	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR MASSAGE APPLIANCES	Provision for earthing	IS 302-2-32 (Cl. 27)
750	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR SKIN OR HAIR CARE	Classification	IS 302-2-23 (Cl. 6)
751	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR SKIN OR HAIR CARE	Clearances, Creepage distance & Solid insulation	IS 302-2-23 (Cl. 29)
752	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR SKIN OR HAIR CARE	Provision for earthing	IS 302-2-23 (Cl. 27)
753	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR TOASTERS, GRILLS, ROASTERS AND SIMILAR APPLIANCES	Classification	IS 302-2-9 (Cl. 6)
754	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR TOASTERS, GRILLS, ROASTERS AND SIMILAR APPLIANCES	Clearances, Creepage distance & Solid insulation	IS 302-2-9 (Cl. 29)
755	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR TOASTERS, GRILLS, ROASTERS AND SIMILAR APPLIANCES	Provision for earthing	IS 302-2-2 (Cl. 27)
756	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES	Terminals for external conductors cl. 26	302-2-32

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	48 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
757	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES DOMESTIC ELECTRIC CLOTHES WASHING MACHINES	Abnormal operation (19)	IS 302-2-7
758	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES DOMESTIC ELECTRIC CLOTHES WASHING MACHINES	Mechanical strength (Cl. 21)	IS 302-2-7
759	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES DOMESTIC ELECTRIC CLOTHES WASHING MACHINES	Ageing test for elastomeric parts (Annex BB)	IS 302-2-7
760	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES DOMESTIC ELECTRIC CLOTHES WASHING MACHINES	CLASSIFICATION (Cl. 6)	IS 302-2-7
761	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES DOMESTIC ELECTRIC CLOTHES WASHING MACHINES	Clearances, creepage distances and solid insulation (Cl. 29)	IS 302-2-7
762	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES DOMESTIC ELECTRIC CLOTHES WASHING MACHINES	Components (Cl. 24)	IS 302-2-7
763	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES DOMESTIC ELECTRIC CLOTHES WASHING MACHINES	Construction (Cl. 22)	IS 302-2-7
764	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES DOMESTIC ELECTRIC CLOTHES WASHING MACHINES	Heating (Cl. 11)	IS 302-2-7
765	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES DOMESTIC ELECTRIC CLOTHES WASHING MACHINES	Internal wiring (Cl. 23)	IS 302-2-7
766	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES DOMESTIC ELECTRIC CLOTHES WASHING MACHINES	Leakage current and electric strength (Cl. 16)	IS 302-2-7
767	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES DOMESTIC ELECTRIC CLOTHES WASHING MACHINES	Leakage current and electric strength at operating temperature (Cl. 13)	IS 302-2-7
768	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES DOMESTIC ELECTRIC CLOTHES WASHING MACHINES	MARKING AND INSTRUCTIONS (Cl. 7)	IS 302-2-7
769	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES DOMESTIC ELECTRIC CLOTHES WASHING MACHINES	Moisture resistance (Cl. 15)	IS 302-2-7
770	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES DOMESTIC ELECTRIC CLOTHES WASHING MACHINES	Overload protection of transformers and associated circuits (Cl. 17)	IS 302-2-7

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	49 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
771	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES DOMESTIC ELECTRIC CLOTHES WASHING MACHINES	Power input and current (Cl. 10)	IS 302-2-7
772	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES DOMESTIC ELECTRIC CLOTHES WASHING MACHINES	PROTECTION AGAINST ACCESS TO LIVE PARTS (Cl. 8)	IS 302-2-7
773	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES DOMESTIC ELECTRIC CLOTHES WASHING MACHINES	Provision for earthing (Cl. 27)	IS 302-2-7
774	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES DOMESTIC ELECTRIC CLOTHES WASHING MACHINES	Radiation, toxicity and similar hazards (Cl. 31)	IS 302-2-7
775	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES DOMESTIC ELECTRIC CLOTHES WASHING MACHINES	Resistance to heat and fire (Cl. 30)	IS 302-2-7
776	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES DOMESTIC ELECTRIC CLOTHES WASHING MACHINES	Resistance to rusting (Cl. 31)	IS 302-2-7
777	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES DOMESTIC ELECTRIC CLOTHES WASHING MACHINES	Screw and connections (Cl.28)	IS 302-2-7
778	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES DOMESTIC ELECTRIC CLOTHES WASHING MACHINES	Stability and mechanical hazards (Cl. 20)	IS 302-2-7
779	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES DOMESTIC ELECTRIC CLOTHES WASHING MACHINES	Supply connection and external flexible cords (Cl.25)	IS 302-2-7
780	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES DOMESTIC ELECTRIC CLOTHES WASHING MACHINES	Terminals for external conductors (Cl. 26)	IS 302-2-7
781	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES DOMESTIC ELECTRIC CLOTHES WASHING MACHINES	Transient overvoltages (Cl. 14)	IS 302-2-7
782	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR COOKING RANGES, HOBS, OVENS AND SIMILAR APPLIANCES	Resistance to rusting	IS 302-2-6 (Cl. 31)
783	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC COFFEE MAKERS	Cl.14 Radio and television interference suppression	302-2-206
784	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC COFFEE MAKERS	Cl.16 Insulation resistance and electric strength (After humidity)	IS 302-2-206

SCOPE OF ACCREDITATION

Laboratory Name : AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6104 **Page No** 50 of 120

Validity 10/08/2022 to 09/08/2024 **Last Amended on** 04/02/2023

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
785	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC COFFEE MAKERS	Cl.25 Supply Connections and External Flexible Cables and Cords	IS 302-2-206
786	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC COFFEE MAKERS	Cl.9 Starting of motor operated appliances	302-2-206
787	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC KETTLE	classification cl 7	367
788	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC KETTLE	Endurance cl 19	367
789	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC KETTLE	Finish cl. 20	367
790	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC KETTLE	Mass cl. 12	IS 367
791	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC KETTLE	Minimum quantity of water CL. 16	IS 367
792	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC KETTLE	Overall dimensions CL.11	367
793	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC KETTLE	Temperature of supporting surface cl. 17	367
794	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC KETTLE	Thermal efficiency cl. 18	367
795	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC KETTLE	Time to boil 1.0 L of water cl. 14	IS 367
796	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC KETTLE	Time to boil water capacity CL. 15	IS 367
797	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC KETTLE	Water capacity cl. 13	IS 367
798	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC SHAVER AND SIMILAR APPLIANCES	Classification	IS 302-2-8 (Cl. 6)
799	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC SHAVER AND SIMILAR APPLIANCES	Heating	IS 302-2-8 (Cl. 11)
800	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC SHAVER AND SIMILAR APPLIANCES	Leakage Current & Electric Strength at Operating Temperature	IS 302-2-8 (Cl. 13)
801	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC SHAVER AND SIMILAR APPLIANCES	Leakage current and electric strength	IS 302-2-8 (Cl. 16)

SCOPE OF ACCREDITATION

Laboratory Name : AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6104 **Page No** 51 of 120

Validity 10/08/2022 to 09/08/2024 **Last Amended on** 04/02/2023

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
802	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC SHAVER AND SIMILAR APPLIANCES	Marking and instructions	IS 302-2-8 (Cl. 7)
803	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC SHAVER AND SIMILAR APPLIANCES	Moisture Resistance	IS 302-2-8 (Cl. 15)
804	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC SHAVER AND SIMILAR APPLIANCES	Power Input and current	IS 302-2-8 (Cl. 10)
805	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC SHAVER AND SIMILAR APPLIANCES	Protection against access to live parts	IS 302-2-8 (Cl. 8)
806	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC STOVE	Abnormal operation	IS 302-2-202 (Cl. 19)
807	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC STOVE	Clearances, Creepage distance & Solid insulation	IS 302-2-202 (Cl. 29)
808	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC STOVE	Components	IS 302-2-202 (Cl. 24)
809	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC STOVE	Construction	IS 302-2-202 (Cl. 22)
810	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC STOVE	Heating	IS 302-2-202 (Cl. 11)
811	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC STOVE	Internal wiring	IS 302-2-202 (Cl. 23)
812	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC STOVE	Leakage Current and Electric strength At Operating Temperature. (Cl. 13)	IS 302-2-202
813	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC STOVE	Mechanical strength	IS 302-2-202 (Cl. 21)
814	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC STOVE	Provision for earthing	IS 302-2-202 (Cl. 27)
815	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC STOVE	Radiation, Toxicity and Similar Hazards	IS 302-2-202 (Cl. 32)
816	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC STOVE	Resistance to rusting	IS 302-2-202 (Cl. 31)
817	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC STOVE	Screws and connection	IS 302-2-202 (Cl. 28)
818	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC STOVE	Stability and mechanical hazards	IS 302-2-202 (Cl. 20)

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	52 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
819	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC STOVE	Supply connections and external flexible cords	IS 302-2-202 (Cl. 25)
820	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC STOVE	Terminals for external conductors	IS 302-2-202 (Cl. 25)
821	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC STOVES	Classification	IS 302-2-202 (Cl. 6)
822	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC STOVES	Leakage Current & Electric Strength	IS 302-2-202 (Cl. 16)
823	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC STOVES	Leakage Current & Electric Strength at Operating Temperature	IS 302-2-59 (Cl. 13)
824	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC STOVES	Marking and instructions	IS 302-2-202 (Cl. 7)
825	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC STOVES	Moisture resistance	IS 302-2-202 (Cl. 15)
826	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC STOVES	Overload Protection Of Transformer & Associated Circuit	IS 302-2-202 (Cl. 17)
827	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC STOVES	Power input and current	IS 302-2-202 (Cl. 10)
828	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC STOVES	Protection against access to live parts	IS 302-2-202 (Cl. 8)
829	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC STOVES	Resistance to heat and fire	IS 302-2-202 (Cl. 30)
830	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR ELECTRIC STOVES	Transient overvoltages	IS 302-2-202 (Cl. 14)
831	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR HEATING LIQUIDS	Classification	IS 302-2-15 (Cl. 6)
832	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR HEATING LIQUIDS	Safety requirement cl. 9	IS 367
833	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR LOW SPEED FOOD GRINDING MACHINES	Abnormal operations	IS 302-2-209 (Cl. 19)
834	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR LOW SPEED FOOD GRINDING MACHINES	Classifications	IS 302-2-209 (Cl. 6)
835	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR LOW SPEED FOOD GRINDING MACHINES	Clearances, Creepage distance & Solid insulation	IS 302-2-209 (Cl. 29)
836	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR LOW SPEED FOOD GRINDING MACHINES	Components	IS 302-2-209 (Cl. 24)

SCOPE OF ACCREDITATION

Laboratory Name : AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6104 **Page No** 53 of 120

Validity 10/08/2022 to 09/08/2024 **Last Amended on** 04/02/2023

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
837	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR LOW SPEED FOOD GRINDING MACHINES	Construction	IS 302-2-209 (Cl. 22)
838	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR LOW SPEED FOOD GRINDING MACHINES	Heating	IS 302-2-209 (Cl. 11)
839	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR LOW SPEED FOOD GRINDING MACHINES	Internal wiring	IS 302-2-209 (Cl. 23)
840	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR LOW SPEED FOOD GRINDING MACHINES	Leakage Current Electric Strength	IS 302-2-209 (Cl. 16)
841	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR LOW SPEED FOOD GRINDING MACHINES	Leakage Current & Electric Strength at Operating Temperature	IS 302-2-209 (Cl. 13)
842	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR LOW SPEED FOOD GRINDING MACHINES	Marking and instructions	IS 302-2-209 (Cl. 7)
843	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR LOW SPEED FOOD GRINDING MACHINES	Mechanical strength	IS 302-2-209 (Cl. 21)
844	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR LOW SPEED FOOD GRINDING MACHINES	Moisture resistance	IS 302-2-209 (Cl. 15)
845	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR LOW SPEED FOOD GRINDING MACHINES	Overload Protection Of Transformer & Associated Circuit	IS 302-2-209 (Cl. 17)
846	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR LOW SPEED FOOD GRINDING MACHINES	Power Input and current	IS 302-2-209 (Cl. 10)
847	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR LOW SPEED FOOD GRINDING MACHINES	Protection against access to live parts	IS 302-2-209 (Cl. 8)
848	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR LOW SPEED FOOD GRINDING MACHINES	Provision for earthing	IS 302-2-209 (Cl. 27)
849	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR LOW SPEED FOOD GRINDING MACHINES	Radiation, Toxicity and Similar Hazards	IS 302-2-209 (Cl. 32)
850	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR LOW SPEED FOOD GRINDING MACHINES	Resistance to heat and fire	IS 302-2-209 (Cl. 30)
851	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR LOW SPEED FOOD GRINDING MACHINES	Resistance to rusting	IS 302-2-209 (Cl. 31)
852	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR LOW SPEED FOOD GRINDING MACHINES	Screws and connections	IS 302-2-209 (Cl. 28)
853	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR LOW SPEED FOOD GRINDING MACHINES	Stability and mechanical hazards	IS 302-2-209 (Cl. 20)
854	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR LOW SPEED FOOD GRINDING MACHINES	Supply connections and external flexible cords	IS 302-2-209 (Cl. 25)

SCOPE OF ACCREDITATION

Laboratory Name : AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6104 **Page No** 54 of 120

Validity 10/08/2022 to 09/08/2024 **Last Amended on** 04/02/2023

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
855	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR LOW SPEED FOOD GRINDING MACHINES	Terminals for external conductors	IS 302-2-209 (Cl. 25)
856	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR LOW SPEED FOOD GRINDING MACHINES	Transient overvoltages	IS 302-2-209 (Cl. 14)
857	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR SHAVER, HAIR CLIPPER AND SIMILAR APPLIANCES	Abnormal operation	IS 302-2-8 (Cl. 19)
858	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR SHAVER, HAIR CLIPPER AND SIMILAR APPLIANCES	Clearances, Creepage distance & Solid insulation	IS 302-2-8 (Cl. 29)
859	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR SHAVER, HAIR CLIPPER AND SIMILAR APPLIANCES	Components	IS 302-2-8 (Cl. 24)
860	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR SHAVER, HAIR CLIPPER AND SIMILAR APPLIANCES	Construction	IS 302-2-8 (Cl. 22)
861	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR SHAVER, HAIR CLIPPER AND SIMILAR APPLIANCES	Internal wiring	IS 302-2-8 (Cl. 23)
862	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR SHAVER, HAIR CLIPPER AND SIMILAR APPLIANCES	Mechanical strength	IS 302-2-8 (Cl. 21)
863	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR SHAVER, HAIR CLIPPER AND SIMILAR APPLIANCES	Overload Protection Of Transformer & Associated Circuit	IS 302-2-8 (Cl. 17)
864	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR SHAVER, HAIR CLIPPER AND SIMILAR APPLIANCES	Provision for earthing	IS 302-2-8 (Cl. 27)
865	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR SHAVER, HAIR CLIPPER AND SIMILAR APPLIANCES	Radiation, Toxicity and Similar Hazards	IS 302-2-8 (Cl. 32)
866	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR SHAVER, HAIR CLIPPER AND SIMILAR APPLIANCES	Resistance to heat and fire	IS 302-2-8 (Cl. 30)
867	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR SHAVER, HAIR CLIPPER AND SIMILAR APPLIANCES	Resistance to rusting	IS 302-2-8 (Cl. 31)
868	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR SHAVER, HAIR CLIPPER AND SIMILAR APPLIANCES	Screws and connections	IS 302-2-8 (Cl. 28)

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	55 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
869	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR SHAVER, HAIR CLIPPER AND SIMILAR APPLIANCES	Stability and mechanical hazards	IS 302-2-8 (Cl. 20)
870	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR SHAVER, HAIR CLIPPER AND SIMILAR APPLIANCES	Supply connection and external flexible cords	IS 302-2-8 (Cl. 25)
871	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR SHAVER, HAIR CLIPPER AND SIMILAR APPLIANCES	Terminals for external conductors (Cl. 26)	IS 302-2-8 (Cl. 26)
872	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR SHAVER, HAIR CLIPPER AND SIMILAR APPLIANCES	Transient overvoltages	IS 302-2-8 (Cl. 14)
873	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR SKIN AND HAIR CARE	Resistance To Heat, Fire And Tracking (Cl. 30)	IS 302-2-23
874	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR SKIN OR HAIR CARE	Resistance to rusting	IS 302-2-23 (Cl. 31)
875	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FOR TOASTERS, GRILLS, ROASTERS AND SIMILAR APPLIANCES	Resistance to rusting	IS 302-2-9 (Cl. 31)
876	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FRYING PANS, DEEP FAT FRYERS AND SIMILAR APPLIANCES	Abnormal operation (Cl. 19)	IS 302-2-13
877	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FRYING PANS, DEEP FAT FRYERS AND SIMILAR APPLIANCES	CLASSIFICATION (Cl. 6)	IS 302-2-13
878	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FRYING PANS, DEEP FAT FRYERS AND SIMILAR APPLIANCES	Components (Cl. 24)	IS 302-2-13
879	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FRYING PANS, DEEP FAT FRYERS AND SIMILAR APPLIANCES	Construction (Cl. 22)	IS 302-2-13
880	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FRYING PANS, DEEP FAT FRYERS AND SIMILAR APPLIANCES	Creepage distances and clearances (Cl. 29)	IS 302-2-13
881	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FRYING PANS, DEEP FAT FRYERS AND SIMILAR APPLIANCES	Electrical insulation and leakage current at operating temperature (Cl. 13)	IS 302-2-13
882	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FRYING PANS, DEEP FAT FRYERS AND SIMILAR APPLIANCES	Input (Cl. 10)	IS 302-2-13

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	56 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
883	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FRYING PANS, DEEP FAT FRYERS AND SIMILAR APPLIANCES	Insulation resistance and electric strength (after humidity treatment) (Cl. 16)	IS 302-2-13
884	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FRYING PANS, DEEP FAT FRYERS AND SIMILAR APPLIANCES	Internal wiring (Cl. 23)	IS 302-2-13
885	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FRYING PANS, DEEP FAT FRYERS AND SIMILAR APPLIANCES	MARKING (Cl. 7)	IS 302-2-13
886	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FRYING PANS, DEEP FAT FRYERS AND SIMILAR APPLIANCES	Mechanical strength (Cl. 21)	IS 302-2-13
887	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FRYING PANS, DEEP FAT FRYERS AND SIMILAR APPLIANCES	Moisture resistance (Cl. 15)	IS 302-2-13
888	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FRYING PANS, DEEP FAT FRYERS AND SIMILAR APPLIANCES	Operation under overload conditions (Cl. 12)	IS 302-2-13
889	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FRYING PANS, DEEP FAT FRYERS AND SIMILAR APPLIANCES	Overload protection (Cl. 17)	IS 302-2-13
890	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FRYING PANS, DEEP FAT FRYERS AND SIMILAR APPLIANCES	Protection against electric shock (Cl. 8)	IS 302-2-13
891	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FRYING PANS, DEEP FAT FRYERS AND SIMILAR APPLIANCES	Provision for earthing (Cl. 27)	IS 302-2-13
892	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FRYING PANS, DEEP FAT FRYERS AND SIMILAR APPLIANCES	Radiation hazards	IS 302-2-13
893	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FRYING PANS, DEEP FAT FRYERS AND SIMILAR APPLIANCES	Radio and television interference suppression (Cl.14)	IS 302-2-13
894	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FRYING PANS, DEEP FAT FRYERS AND SIMILAR APPLIANCES	Resistance to heat, fire and tracking (Cl.30)	IS 302-2-13
895	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FRYING PANS, DEEP FAT FRYERS AND SIMILAR APPLIANCES	Resistance to rusting (Cl. 31)	IS 302-2-13
896	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FRYING PANS, DEEP FAT FRYERS AND SIMILAR APPLIANCES	Screws and connections (Cl. 28)	IS 302-2-13

SCOPE OF ACCREDITATION

Laboratory Name : AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6104 **Page No** 57 of 120

Validity 10/08/2022 to 09/08/2024 **Last Amended on** 04/02/2023

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
897	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FRYING PANS, DEEP FAT FRYERS AND SIMILAR APPLIANCES	Stability and mechanical hazards (Cl. 20)	IS 302-2-13
898	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FRYING PANS, DEEP FAT FRYERS AND SIMILAR APPLIANCES	Supply connection and external flexible cables and cords	IS 302-2-13
899	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FRYING PANS, DEEP FAT FRYERS AND SIMILAR APPLIANCES	Temperature rise (Cl. 11)	IS 302-2-13
900	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES FRYING PANS, DEEP FAT FRYERS AND SIMILAR APPLIANCES	Terminals for external conducting (Cl.26)	IS 302-2-13
901	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETYOFHOUSEHOLDANDSIMILAR ELECTRICALAPPLIANCES ELECTRIC HEATING TOOLS	Abnormal operation (Cl. 19)	IS 302-2-45
902	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETYOFHOUSEHOLDANDSIMILAR ELECTRICALAPPLIANCES ELECTRIC HEATING TOOLS	CLASSIFICATION (Cl. 6)	IS 302-2-45
903	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETYOFHOUSEHOLDANDSIMILAR ELECTRICALAPPLIANCES ELECTRIC HEATING TOOLS	Component (Cl. 24)	IS 302-2-45
904	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETYOFHOUSEHOLDANDSIMILAR ELECTRICALAPPLIANCES ELECTRIC HEATING TOOLS	Construction (Cl. 22)	IS 302-2-45
905	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETYOFHOUSEHOLDANDSIMILAR ELECTRICALAPPLIANCES ELECTRIC HEATING TOOLS	Cord grip and cord guard (Cl. 25)	IS 302-2-45
906	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETYOFHOUSEHOLDANDSIMILAR ELECTRICALAPPLIANCES ELECTRIC HEATING TOOLS	Creepage distance and clearances (Cl. 29)	IS 302-2-45
907	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETYOFHOUSEHOLDANDSIMILAR ELECTRICALAPPLIANCES ELECTRIC HEATING TOOLS	Electrical insulation and leakage current at operating temperature (Cl. 13)	IS 302-2-45
908	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETYOFHOUSEHOLDANDSIMILAR ELECTRICALAPPLIANCES ELECTRIC HEATING TOOLS	Input (Cl. 10)	IS 302-2-45
909	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETYOFHOUSEHOLDANDSIMILAR ELECTRICALAPPLIANCES ELECTRIC HEATING TOOLS	Insulation resistance and electric strength (after humidity treatment) (Cl. 16)	IS 302-2-45
910	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETYOFHOUSEHOLDANDSIMILAR ELECTRICALAPPLIANCES ELECTRIC HEATING TOOLS	Internal wiring (Cl. 23)	IS 302-2-45
911	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETYOFHOUSEHOLDANDSIMILAR ELECTRICALAPPLIANCES ELECTRIC HEATING TOOLS	MARKING (CL. 7)	IS 302-2-45
912	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETYOFHOUSEHOLDANDSIMILAR ELECTRICALAPPLIANCES ELECTRIC HEATING TOOLS	Mechanical strength (Cl. 21)	IS 302-2-45
913	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETYOFHOUSEHOLDANDSIMILAR ELECTRICALAPPLIANCES ELECTRIC HEATING TOOLS	MOISTIURE RESISTANCE (Cl. 15)	IS 302-2-45

SCOPE OF ACCREDITATION

Laboratory Name : AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6104 **Page No** 58 of 120

Validity 10/08/2022 to 09/08/2024 **Last Amended on** 04/02/2023

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
914	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETYOFHOUSEHOLDANDSIMILAR ELECTRICALAPPLIANCES ELECTRIC HEATING TOOLS	Operation under overload conditions (Cl. 12)	IS 302-2-45
915	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETYOFHOUSEHOLDANDSIMILAR ELECTRICALAPPLIANCES ELECTRIC HEATING TOOLS	Overload protection (Cl. 17)	IS 302-2-45
916	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETYOFHOUSEHOLDANDSIMILAR ELECTRICALAPPLIANCES ELECTRIC HEATING TOOLS	PROTECTION AGAINST ELECTRIC SHOCK (Cl. 8)	IS 302-2-45
917	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETYOFHOUSEHOLDANDSIMILAR ELECTRICALAPPLIANCES ELECTRIC HEATING TOOLS	Provision For earthing (Cl. 27)	IS 302-2-45
918	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETYOFHOUSEHOLDANDSIMILAR ELECTRICALAPPLIANCES ELECTRIC HEATING TOOLS	RADIO AND TELEVISION INTERFERFNCE SUPPRESSION (Cl. 14)	IS 302-2-45
919	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETYOFHOUSEHOLDANDSIMILAR ELECTRICALAPPLIANCES ELECTRIC HEATING TOOLS	Resistance to heating and tracking (Cl. 30)	IS 302-2-45
920	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETYOFHOUSEHOLDANDSIMILAR ELECTRICALAPPLIANCES ELECTRIC HEATING TOOLS	Resistance to rusting (Cl. 31)	IS 302-2-45
921	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETYOFHOUSEHOLDANDSIMILAR ELECTRICALAPPLIANCES ELECTRIC HEATING TOOLS	Screws and connections (Cl. 28)	IS 302-2-45
922	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETYOFHOUSEHOLDANDSIMILAR ELECTRICALAPPLIANCES ELECTRIC HEATING TOOLS	Stability and mechanical hazards (Cl. 20)	IS 302-2-45
923	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETYOFHOUSEHOLDANDSIMILAR ELECTRICALAPPLIANCES ELECTRIC HEATING TOOLS	Starting of motor operated appliances (Cl. 9)	IS 302-2-45
924	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETYOFHOUSEHOLDANDSIMILAR ELECTRICALAPPLIANCES ELECTRIC HEATING TOOLS	Temperature rise (Cl. 11)	IS 302-2-45
925	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SAFETYOFHOUSEHOLDANDSIMILAR ELECTRICALAPPLIANCES ELECTRIC HEATING TOOLS	Terminals for external conductors (Cl. 26)	IS 302-2-45
926	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SPECIFICATION FOR ELECTRIC PEDESTAL TYPE FANS AND REGULATORS	AC Leakage test	IS 1169 (Cl. 16.8)
927	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SPECIFICATION FOR ELECTRIC PEDESTAL TYPE FANS AND REGULATORS	Cord grip test	IS 1169 (Cl. 16.5)
928	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SPECIFICATION FOR ELECTRIC PEDESTAL TYPE FANS AND REGULATORS	Earthing continuity	IS 1169 (Cl. 16.10)
929	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SPECIFICATION FOR ELECTRIC PEDESTAL TYPE FANS AND REGULATORS	Electrical input	IS 1169 (Cl. 16.11)
930	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SPECIFICATION FOR ELECTRIC PEDESTAL TYPE FANS AND REGULATORS	Flash Test	IS 1169 (Cl. 16.13)
931	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SPECIFICATION FOR ELECTRIC PEDESTAL TYPE FANS AND REGULATORS	High Voltage	IS 1169 (Cl. 16.9)

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	59 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
932	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SPECIFICATION FOR ELECTRIC PEDESTAL TYPE FANS AND REGULATORS	Insulation resistance	IS 1169 (Cl. 16.14)
933	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SPECIFICATION FOR ELECTRIC PEDESTAL TYPE FANS AND REGULATORS	Insulation resistance Test	IS 1169 (Cl. 16.14)
934	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SPECIFICATION FOR ELECTRIC PEDESTAL TYPE FANS AND REGULATORS	Mechanical endurance	IS 1169 (Cl. 16.6)
935	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SPECIFICATION FOR ELECTRIC PEDESTAL TYPE FANS AND REGULATORS	Moisture proofness	IS 1169 (Cl. 16.4)
936	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SPECIFICATION FOR ELECTRIC PEDESTAL TYPE FANS AND REGULATORS	Starting	IS 1169 (Cl. 11)
937	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SPECIFICATION FOR ELECTRIC TABLE TYPE FANS AND REGULATORS	Air Delivery Test	IS 555 (Cl. 10.3)
938	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SPECIFICATION FOR ELECTRIC TABLE TYPE FANS AND REGULATORS	Cord Grip	IS 555 (Cl. 10.14)
939	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SPECIFICATION FOR ELECTRIC TABLE TYPE FANS AND REGULATORS	Creepage Distance and Clearances	IS 555 (Cl. 10.16)
940	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SPECIFICATION FOR ELECTRIC TABLE TYPE FANS AND REGULATORS	Earth Connections	IS 555 (Cl. 10.10)
941	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SPECIFICATION FOR ELECTRIC TABLE TYPE FANS AND REGULATORS	High Voltage	IS 555 (Cl. 10.6)
942	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SPECIFICATION FOR ELECTRIC TABLE TYPE FANS AND REGULATORS	Leakage current	IS 555 (Cl. 10.5)
943	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SPECIFICATION FOR ELECTRIC TABLE TYPE FANS AND REGULATORS	Moisture Resistance	IS 555 (Cl. 10.12)
944	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SPECIFICATION FOR ELECTRIC TABLE TYPE FANS AND REGULATORS	Protection against Electric Shock	IS 555 (Cl. 10.11)
945	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SPECIFICATION FOR ELECTRIC TABLE TYPE FANS AND REGULATORS	Starting Input and Current	IS 555 (Cl. 10.8)
946	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SPECIFICATION FOR ELECTRIC PEDESTAL TYPE FANS AND REGULATORS	Air Delivery Test	IS 1169 (Cl. 16.2)
947	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SPECIFICATION FOR ELECTRIC PEDESTAL TYPE FANS AND REGULATORS	Fan speed	IS 1169 (Cl. 16.12)
948	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SPECIFICATION FOR ELECTRIC PEDESTAL TYPE FANS AND REGULATORS	Power factor	IS 1169 (Cl. 16.7)
949	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SPECIFICATION FOR ELECTRIC PEDESTAL TYPE FANS AND REGULATORS	Temperature rise test	IS 1169 (Cl. 16.3)
950	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SPECIFICATION FOR ELECTRIC TABLE TYPE FANS AND REGULATORS	Fan Speed and Input	IS 555 (Cl. 10.9)

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	60 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
951	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SPECIFICATION FOR ELECTRIC TABLE TYPE FANS AND REGULATORS	Insulation resistance Test	IS 555 (Cl. 10.7)
952	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SPECIFICATION FOR ELECTRIC TABLE TYPE FANS AND REGULATORS	Temperature rise test	IS 555 (Cl. 10.4)
953	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SPECIFICATION FOR ELECTRIC CEILING TYPE FANS AND REGULATORS	Endurance	IS 374 (Cl. 16)
954	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SPECIFICATION FOR ELECTRIC CEILING TYPE FANS AND REGULATORS	Interchangeability	IS 374 (Cl. 12)
955	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SPECIFICATION FOR ELECTRIC CEILING TYPE FANS AND REGULATORS	Performance requirement	IS 374 (Cl. 15)
956	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SPECIFICATION FOR ELECTRIC CEILING TYPE FANS AND REGULATORS	Silent operation	IS 374 (Cl. 13)
957	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SPECIFICATION FOR ELECTRIC CEILING TYPE FANS AND REGULATORS	Size	IS 374 (Cl. 6.2)
958	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SPECIFICATION FOR ELECTRIC CEILING TYPE FANS AND REGULATORS	Sizes(Sweep)	IS 374 (Cl. 6.2)
959	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SPECIFICATION FOR ELECTRIC CEILING TYPE FANS AND REGULATORS	Speed and Power factor	IS 374 (Cl. 14.4 & 14.5)
960	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SPECIFICATION FOR ELECTRIC CEILING TYPE FANS AND REGULATORS	Speed regulators	IS 374 (Cl. 10.1, 10.2, 10.3, 10.4, 10.5, 10.6, 10.7, 10.8)
961	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SPECIFICATION FOR ELECTRIC CEILING TYPE FANS AND REGULATORS	Starting	IS 374 (Cl. 11.1, 11.2)
962	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SPECIFICATION FOR ELECTRIC CEILING TYPE FANS AND REGULATORS	Test for harmonic distortion	IS 374 (Cl. 17)
963	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SPECIFICATION FOR ELECTRIC PEDESTAL TYPE FANS AND REGULATORS	Marking (Cl. 15)	1169
964	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SPECIFICATIONS FOR ELECTRONIC TYPE FAN REGULATORS	Environmental Tests cl. 9.3.13	11037
965	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SPECIFICATIONS FOR ELECTRONIC TYPE FAN REGULATORS	flash test cl. 9.3.3.4	11037
966	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SPECIFICATIONS FOR ELECTRONIC TYPE FAN REGULATORS	Creepage distance & clearance	IS 11037 (Cl. 9.3.9)
967	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SPECIFICATIONS FOR ELECTRONIC TYPE FAN REGULATORS	Earthing connections	IS 11037 (Cl. 9.3.5)
968	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SPECIFICATIONS FOR ELECTRONIC TYPE FAN REGULATORS	High Voltage test	IS 11037 (Cl. 9.3.3)
969	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SPECIFICATIONS FOR ELECTRONIC TYPE FAN REGULATORS	Insulation resistance	IS 11037 (Cl. 9.3.5)

SCOPE OF ACCREDITATION

Laboratory Name : AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6104 **Page No** 61 of 120

Validity 10/08/2022 to 09/08/2024 **Last Amended on** 04/02/2023

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
970	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SPECIFICATIONS FOR ELECTRONIC TYPE FAN REGULATORS	Leakage current	IS 11037 (Cl. 9.3.2)
971	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SPECIFICATIONS FOR ELECTRONIC TYPE FAN REGULATORS	Mechanical Endurance test	IS 11037 (Cl. 9.3.10)
972	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SPECIFICATIONS FOR ELECTRONIC TYPE FAN REGULATORS	Mechanical Strength	IS 11037 (Cl. 9.3.8)
973	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SPECIFICATIONS FOR ELECTRONIC TYPE FAN REGULATORS	Moisture Resistance Cl. 9.3.7	11037
974	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SPECIFICATIONS FOR ELECTRONIC TYPE FAN REGULATORS	Performance	IS 11037 (Cl. 7)
975	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SPECIFICATIONS FOR ELECTRONIC TYPE FAN REGULATORS	Power Losses Cl. 9.3.11	11037
976	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SPECIFICATIONS FOR ELECTRONIC TYPE FAN REGULATORS	Protection against electric shock	IS 11037 (Cl. 9.3.6)
977	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SPECIFICATIONS FOR ELECTRONIC TYPE FAN REGULATORS	Temperature rise test	IS 11037 (Cl. 9.3.1)
978	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SPECIFICATIONS FOR ELECTRONIC TYPE FAN REGULATORS	Voltage drop	IS 11037 (Cl. 6.7)
979	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Spin Extractors	Starting of motor operated appliances cl.9	IS 302-2-4
980	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Spin Extractors	Abnormal operation cl.19	IS 302-2-4
981	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Spin Extractors	Components cl. 24	IS 302-2-4
982	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Spin Extractors	Construction cl. 22	IS 302-2-4
983	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Spin Extractors	Cord grip and cord guard cl.25	IS 302-2-4
984	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Spin Extractors	Overload protection cl.17	IS 302-2-4
985	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Spin Extractors	Protection against electric shock CL. 8	IS 302-2-4
986	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Spin Extractors	Provision for earthing cl.27	IS 302-2-4
987	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Spin Extractors	Radio and television interference suppression cl.14	IS 302-2-4
988	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Spin Extractors	Resistance to heat fire and tracking cl. 30	IS 302-2-4

SCOPE OF ACCREDITATION

Laboratory Name : AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6104 **Page No** 62 of 120

Validity 10/08/2022 to 09/08/2024 **Last Amended on** 04/02/2023

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
989	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Spin Extractors	Resistance to rusting cl. 31	IS 302-2-4
990	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Spin Extractors	Screws and connections cl 28	IS 302-2-4
991	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Spin Extractors	Stability and mechanical hazards cl.20	IS 302-2-4
992	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	SPIN EXTRACTORS	Temperature rise cl.11	302-2-4
993	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Spin Extractors	terminals for external conductors cl.26	IS 302-2-4
994	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Electric Water Heater	Abnormal operation	IS:302-2-21 (Cl. 19)
995	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Electric Water Heater	Components	IS:302-2-21 (Cl. 24)
996	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Electric Water Heater	Construction	IS:302-2-21 (Cl. 22)
997	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Electric Water Heater	Creepage distance & clearances / Clearances,` Creepage distances and solid insulations	IS:302-2-21 (Cl. 29)
998	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Electric Water Heater	Internal wiring	IS:302-2-21 (Cl. 23)
999	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Electric Water Heater	Leakage current and electric strength at operating temp.	IS:302-2-21 (Cl. 13)
1000	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Electric Water Heater	Marking & Instructions	IS:302-2-21 (Cl. 7)
1001	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Electric Water Heater	Mechanical strength	IS:302-2-21
1002	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Electric Water Heater	Moisture resistance &Leakage current and electric strength	IS:302-2-21 (Cl. 15 & 16)
1003	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Electric Water Heater	Overload protection of Transformers and associated circuits/Overload protection	IS:302-2-21 (Cl. 17)
1004	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Electric Water Heater	Power Input and Current	IS:302-2-21 (Cl. 10)
1005	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Electric Water Heater	Protection against access to live parts	IS:302-2-21 (Cl. 8)
1006	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Electric Water Heater	Provision for Earthing	IS:302-2-21 (Cl. 27)

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	63 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
1007	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Electric Water Heater	Resistance to heat, fire	IS:302-2-21 (Cl. 30)
1008	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Electric Water Heater	Resistance to rusting	IS:302-2-21 (Cl. 31)
1009	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Electric Water Heater	Screws and connections	IS:302-2-21 (Cl. 28)
1010	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Electric Water Heater	Stability and mechanical hazards	IS:302-2-21 (Cl. 20)
1011	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Electric Water Heater	Supply connection & external flexible cables & cords / Supply connection & external flexible cords	IS:302-2-21 (Cl. 25)
1012	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Electric Water Heater	Temperature rise / Heating	IS 302-2-21
1013	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Electric Water Heater	Terminals for external conductors	IS:302-2-21 (Cl. 25)
1014	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Electric Water Heater	Abnormal operation (Cl. 19)	IS 302-2-21
1015	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Electric Water Heater	Components (Cl. 24)	IS 302-2-21
1016	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Electric Water Heater	Construction (C. 22)	IS 302-2-21
1017	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	STATIONARY STORAGE TYPE ELECTRIC WATER HEATER	Cyclic temperature variation	IS 2082 (Cl. 20)
1018	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage type Electric Water Heater	Cyclic Temperature Variation	IS:2082 (Cl. 20)
1019	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	STATIONARY STORAGE TYPE ELECTRIC WATER HEATER	Deviation from dial calibration	IS 2082 (Cl. 19)
1020	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage type Electric Water Heater	Deviation from Dial Calibration	IS:2082 (Cl. 19)
1021	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage type Electric Water Heater	Endurance	IS:2082
1022	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage type Electric Water Heater	Finish	IS:2082 (Cl. 21)
1023	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Electric Water Heater	Heating (Cl. 11)	IS 302-2-21
1024	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	STATIONARY STORAGE TYPE ELECTRIC WATER HEATER	Hot water output	IS 2082 (Cl. 16)

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	64 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
1025	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage type Electric Water Heater	Hot Water Output	IS:2082 (Cl. 16)
1026	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Electric Water Heater	Internal wiring (Cl. 23)	IS 302-2-21
1027	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Electric Water Heater	Leakage current and electric strength (Cl. 16)	IS 302-2-21
1028	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Electric Water Heater	Leakage current and electric strength at operating temp. (Cl. 13)	IS 302-2-21
1029	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Electric Water Heater	Marking & Instructions IS:302-2-21 (Cl. 7): 2018	IS:302-2-21
1030	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	STATIONARY STORAGE TYPE ELECTRIC WATER HEATER	Measurement of energy consumption	IS 2082 (Cl. 13)
1031	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	STATIONARY STORAGE TYPE ELECTRIC WATER HEATER	Measurement of stored water temperature	IS 2082 (Cl. 11)
1032	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Electric Water Heater	Mechanical strength (Cl. 21)	IS 302-2-21
1033	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	STATIONARY STORAGE TYPE ELECTRIC WATER HEATER	Mixing factor	IS 2082 (Cl. 18)
1034	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage type Electric Water Heater	Mixing Factor	IS:2082
1035	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Electric Water Heater	Moisture resistance (Cl. 15)	IS 302-2-21
1036	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	STATIONARY STORAGE TYPE ELECTRIC WATER HEATER	Mounting of the water heater	IS 2082 (Cl. 10)
1037	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Electric Water Heater	Overload protection of Transformers and associated circuits/Overload protection (Cl. 17)	IS 302-2-21
1038	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Electric Water Heater	Power Input and Current (Cl. 10)	IS:302-2-21
1039	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Electric Water Heater	Protection against access to live parts IS:302-2-21 (Cl. 8): 2018	IS:302-2-21
1040	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	STATIONARY STORAGE TYPE ELECTRIC WATER HEATER	Reheating time	IS 2082 (Cl. 17)
1041	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage type Electric Water Heater	Reheating Time	IS:2082 (Cl. 17)

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	65 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
1042	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Electric Water Heater	Stability and mechanical hazards (Cl. 20)	IS 302-2-21
1043	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage type Electric Water Heater	Standing Loss per 24Hrs.	IS:2082 (Cl. 15)
1044	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Electric Water Heater	Stationary Storage Type Electric Water Heater (Cl. 26)	IS 302-2-21
1045	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Electric Water Heater	Supply connection & external flexible cables & cords / Supply connection & external flexible cords (Cl. 25)	IS 302-2-21
1046	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	STATIONARY STORAGE TYPE ELECTRIC WATER HEATER	Thermostat setting	IS 2082 (Cl. 12)
1047	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Electric Water Heater	Transient overrvoltages (Cl. 14)	IS 302-2-21
1048	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Electric Water Heater	Transient overvoltages IS 302-2-21:2018 (Cl. 14)	IS 302-2-21
1049	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage type Electric Water Heater	Verification of Rated Capacity	IS 2082
1050	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	STATIONARY STORAGE TYPE ELECTRIC WATER HEATER	Verification of rated capacity	IS 2082 (Cl. 14)
1051	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Thermostat for use with electric water heater	Temperature rise / Heating	IS 3017 (Cl. 11)
1052	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Thermostat for use with water heater	Dimensions	IS 3017 (Cl. 101)
1053	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Vaccum cleaners & suction appliances	Classification	IS 302-2-2 (Cl. 6)
1054	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Vaccum cleaners & suction appliances	Marking and instructions	IS 302-2-2 (Cl. 7)
1055	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Vaccum cleaners & suction appliances	Power Input and current	IS 302-2-2 (Cl. 10)
1056	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Vaccum cleaners & suction appliances	Protection against access to live parts	IS 302-2-2 (Cl. 8)
1057	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Vaccum cleaners & suction appliances	Starting of motor operated appliances	IS 302-2-2 (Cl. 9)
1058	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Vacuum cleaners & suction appliance	Moisture resistance test	IS 302-2-2 (Cl. 15)
1059	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Vacuum cleaners & suction appliances	Abnormal operations	IS 302-2-2 (Cl. 19)

SCOPE OF ACCREDITATION

Laboratory Name : AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6104 **Page No** 66 of 120

Validity 10/08/2022 to 09/08/2024 **Last Amended on** 04/02/2023

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
1060	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Vacuum cleaners & suction appliances	Cl.16 Leakage Current and Electric strength	IS 302-2-2
1061	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Vacuum cleaners & suction appliances	Cl.22 Construction	IS 302-2-2
1062	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Vacuum cleaners & suction appliances	Cl.28 Screws and Connections	IS 302-2-2
1063	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Vacuum cleaners & suction appliances	Clearances, Creepage distance & Solid insulation	IS 302-2-2 (Cl. 29)
1064	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Vacuum cleaners & suction appliances	Components	IS 302-2-2 (Cl. 24)
1065	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Vacuum cleaners & suction appliances	Endurance Test	IS 302-2-2 (Cl. 18)
1066	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Vacuum cleaners & suction appliances	Heating/Temperature rise	IS 302-2-2 (Cl. 11)
1067	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Vacuum cleaners & suction appliances	Internal wiring	IS 302-2-2 (Cl. 23)
1068	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Vacuum cleaners & suction appliances	Leakage Current Electric Strength Insulation Resistance	IS 302-2-2 (Cl. 15 & 16)
1069	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Vacuum cleaners & suction appliances	Leakage current & electric strength at operating temperature	IS 302-2-2 (Cl. 13)
1070	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Vacuum cleaners & suction appliances	Mechanical Hazards	IS 302-2-2 (Cl. 20)
1071	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Vacuum cleaners & suction appliances	Mechanical strength	IS 302-2-2 (Cl. 21)
1072	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Vacuum cleaners & suction appliances	Overload Protection Of Transformer & Associated Circuit / Overload Protection	IS 302-2-2 (Cl. 17)
1073	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Vacuum cleaners & suction appliances	Provision for earthing	IS 302-2-2 (Cl. 27)
1074	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Vacuum cleaners & suction appliances	Radiation, Toxicity and Similar Hazards	IS 302-2-2 (Cl. 32)
1075	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Vacuum cleaners & suction appliances	Resistance to heat and fire	IS 302-2-2 (Cl. 30)
1076	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Vacuum cleaners & suction appliances	Resistance to rusting	IS 302-2-2 (Cl. 31)
1077	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Vacuum cleaners & suction appliances	Stability and Mechanical Hazards	IS 302-2-2 (Cl. 20)

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	67 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
1078	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Vacuum cleaners & suction appliances	Supply connections and external flexible cords	IS 302-2-2 (Cl. 25)
1079	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Vacuum cleaners & suction appliances	Terminals for external conductors	IS 302-2-2 (Cl. 26)
1080	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Vacuum cleaners & suction appliances	Transient over voltages	IS 302-2-2 (Cl. 14)
1081	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Vacuum cleaners & suction appliances	Verification of construction	IS 302-2-2 (Cl. 22)
1082	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	DEGREES OF PROTECTION PROVIDED BY ENCLOSURES (IP 10)	First characteristic numeral 1	IS/IEC 60529 (Cl. 12.2 & 13.2)
1083	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	DEGREES OF PROTECTION PROVIDED BY ENCLOSURES (IP 20)	First characteristic numeral 2	IS/IEC 60529 (Cl. 12.2 & 13.2)
1084	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	DEGREES OF PROTECTION PROVIDED BY ENCLOSURES (IP 30)	First characteristic numeral 3	IS/IEC 60529 (Cl. 12.2 & 13.2)
1085	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	DEGREES OF PROTECTION PROVIDED BY ENCLOSURES (IP 40)	First characteristic numeral 4	IS/IEC 60529 (Cl. 12.2 & 13.2)
1086	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	DEGREES OF PROTECTION PROVIDED BY ENCLOSURES (IP 60)	First characteristic numeral 6	IS/IEC 60529 (Cl. 12.2, 13.4 & 13.6)
1087	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	DEGREES OF PROTECTION PROViDED BY ENCLOSURES (IP CODE)	Degrees of protection against access to hazardous parts and against solid foreign objects indicated by the first characteristic numeral	IS/IEC 60529
1088	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	DEGREES OF PROTECTION PROVIDED BY ENCLOSURES (IP CODE)	Degrees of protection against access to hazardous parts indicated by the additional letter	IS/IEC 60529
1089	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	DEGREES OF PROTECTION PROVIDED BY ENCLOSURES (IP CODE)	Degrees of protectlon against ingress of water indicated 'by the second characteristic numeral	IS/IEC 60529
1090	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	DEGREES OF PROTECTION PROVIDED BY ENCLOSURES (IP CODE)	First characteristic numeral 0	IS/IEC 60529
1091	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	DEGREES OF PROTECTION PROVIDED BY ENCLOSURES (IP CODE)	General requirements for tests	IS/IEC 60259

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	68 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
1092	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	DEGREES OF PROTECTION PROVIDED BY ENCLOSURES (IP CODE)	Marking	IS/IEC 60259 (Cl. 10)
1093	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	DEGREES OF PROTECTION PROVIDED BY ENCLOSURES (IP CODE)	Second characteristic numeral 0	IS/IEC 60529
1094	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	DEGREES OF PROTECTION PROVIDED BY ENCLOSURES (IP CODE)	Supplementary letters	IS/IEC 60529
1095	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	DEGREES OF PROTECTION PROVIDED BY ENCLOSURES (IP CODE)	Test for first characteristic numeral	IS/IEC 60259
1096	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	DEGREES OF PROTECTION PROVIDED BY ENCLOSURES (IP CODE)	Test for Second characteristic numeral	IS/IEC 60529
1097	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	DEGREES OF PROTECTION PROVIDED BY ENCLOSURES (IP X1)	Second characteristic numeral 1	IS/IEC 60529 (Cl. 14.2.1)
1098	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	DEGREES OF PROTECTION PROVIDED BY ENCLOSURES (IP X2)	Second characteristic numeral 2	IS/IEC 60529 (Cl. 14.2.2)
1099	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	DEGREES OF PROTECTION PROVIDED BY ENCLOSURES (IP X3)	Second characteristic numeral 3	IS/IEC 60529 (Cl. 14.2.3)
1100	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	DEGREES OF PROTECTION PROVIDED BY ENCLOSURES (IP X4)	Second characteristic numeral 4	IS/IEC 60529 (Cl. 14.2.4)
1101	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	DEGREES OF PROTECTION PROVIDED BY ENCLOSURES (IP X5)	Second characteristic numeral 5	IS/IEC 60529 (Cl. 14.2.5)
1102	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	DEGREES OF PROTECTION PROVIDED BY ENCLOSURES (IP X6)	Second characteristic numeral 6	IS/IEC 60529 (Cl. 14.2.6)
1103	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	DEGREES OF PROTECTION PROVIDED BY ENCLOSURES (IP X7)	Second characteristic numeral 7	IS/IEC 60529 (Cl. 14.2.7)
1104	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	DEGREES OF PROTECTION PROVIDED BY ENCLOSURES (IP X8)	Second characteristic numeral 8	IS/IEC 60529 (Cl. 14.2.8)
1105	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	DEGREES OF PROTECTION PROVIDED BY ENCLOSURES (IP 50)	First characteristic numeral 5	IS/IEC 60529 (Cl. 12.2, 13.3 & 13.5)

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	69 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
1106	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	BAYONET LAMPHOLDERS	Classifications	IS 1258
1107	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	BAYONET LAMPHOLDERS	Classifications	IS 1258 (Cl. 7)
1108	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	BAYONET LAMPHOLDERS	Construction	IS 1258
1109	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	BAYONET LAMPHOLDERS	Construction	IS 1258 (Cl. 13)
1110	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	BAYONET LAMPHOLDERS	Creepage distances and clearance	IS 1258
1111	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	BAYONET LAMPHOLDERS	Creepage distances and clearance	IS 1258 (Cl. 18)
1112	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	BAYONET LAMPHOLDERS	Dimensions	IS 1258
1113	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	BAYONET LAMPHOLDERS	Dimensions	IS 1258 (Cl. 9)
1114	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	BAYONET LAMPHOLDERS	General resistance to heat	IS 1258
1115	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	BAYONET LAMPHOLDERS	General resistance to heat	IS 1258 (Cl. 19)
1116	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	BAYONET LAMPHOLDERS	Markings	IS 1258
1117	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	BAYONET LAMPHOLDERS	Markings	IS 1258 (Cl. 8)
1118	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	BAYONET LAMPHOLDERS	Mechanical strength	IS 1258
1119	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	BAYONET LAMPHOLDERS	Mechanical strength	IS 1258 (Cl. 16)

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-6104
Page No	70 of 120
Validity	10/08/2022 to 09/08/2024
Last Amended on	04/02/2023

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
1120	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	BAYONET LAMPHOLDERS	Moisture resistance, Insulation resistance and electric strength	IS 1258
1121	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	BAYONET LAMPHOLDERS	Moisture resistance, Insulation resistance and electric strength	IS 1258 (Cl. 15)
1122	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	BAYONET LAMPHOLDERS	Protection against electric shock	IS 1258
1123	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	BAYONET LAMPHOLDERS	Protection against electric shock	IS 1258 (Cl. 10)
1124	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	BAYONET LAMPHOLDERS	Provision for earthing	IS 1258
1125	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	BAYONET LAMPHOLDERS	Provision for earthing	IS 1258
1126	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	BAYONET LAMPHOLDERS	Provision for earthing	IS 1258 (Cl. 12)
1127	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	BAYONET LAMPHOLDERS	Ratings	IS 1258
1128	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	BAYONET LAMPHOLDERS	Ratings	IS 1258 (Cl. 6)
1129	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	BAYONET LAMPHOLDERS	Resistance to excessive residual stresses (Season cracking) and to rusting	IS 1258
1130	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	BAYONET LAMPHOLDERS	Resistance to excessive residual stresses (Season cracking) and to rusting	IS 1258 (Cl. 21)
1131	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	BAYONET LAMPHOLDERS	Resistance to heat, fire and tracking	IS 1258
1132	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	BAYONET LAMPHOLDERS	Resistance to heat, fire and tracking	IS 1258 (Cl. 20)
1133	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	BAYONET LAMPHOLDERS	Screw, current carrying parts and connections	IS 1258

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	71 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
1134	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	BAYONET LAMPHOLDERS	Screw, current carrying parts and connections	IS 1258 (Cl.17)
1135	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	BAYONET LAMPHOLDERS	Switched lampholders	IS 1258
1136	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	BAYONET LAMPHOLDERS	Switched lampholders	IS 1258 (Cl. 14)
1137	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	BAYONET LAMPHOLDERS	Terminals	IS 1258
1138	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	BAYONET LAMPHOLDERS	Terminals	IS 1258 (Cl. 11)
1139	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	DC or AC Supplied Electronic Control gear for LED Modules	Construction	IS 15885 (Part 2/ Sec 13)
1140	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	DC or AC Supplied Electronic Control gear for LED Modules	Creepage Distance and clearance	IS 15885 (Part 2/ Sec 13)
1141	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	DC or AC Supplied Electronic Control gear for LED Modules	Electric Strength	IS 15885 (Part 2/ Sec 13)
1142	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	DC or AC Supplied Electronic Control gear for LED Modules	Fault conditions	IS 15885 (Part 2/ Sec 13)
1143	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	DC or AC Supplied Electronic Control gear for LED Modules	Marking	IS 15885 (Part 2/ Sec 13)
1144	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	DC or AC Supplied Electronic Control gear for LED Modules	Moisture Resistance and insulation	IS 15885 (Part 2/ Sec 13)
1145	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	DC or AC Supplied Electronic Control gear for LED Modules	Protection against accidental contact with live parts	IS 15885 (Part 2/ Sec 13)
1146	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	DC or AC Supplied Electronic Control gear for LED Modules	Resistance to heat, fire and tracking	IS 15885 (Part 2/ Sec 13)
1147	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	DC or AC Supplied Electronic Control gear for LED Modules	Screws, current- carrying parts and connections	IS 15885 (Part 2/ Sec 13)

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	72 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
1148	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	DC or AC Supplied Electronic Control gear for LED Modules	Terminals	IS 15885 (Part 2/ Sec 13)
1149	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	DC or AC Supplied Electronic Control gear for LED Modules	Provision for Protective Earthing	IS 15885 (Part 2/ Sec 13)
1150	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	DC or AC Supplied Electronic Control gear for LED Modules	Resistance to corrosion (Cl. 20)	IS 15885 (Part 2/ Sec 13)
1151	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	DC or AC Supplied Electronic Control gear for LED Modules	Thermal endurance test for windings of ballasts (Cl. 13)	IS 15885 (Part 2/ Sec 13)
1152	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	DC or AC Supplied Electronic Control gear for LED Modules	Transformer heating (Cl. 15)	IS 15885 (Part 2/ Sec 13)
1153	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lighting	Construction	IS 10322 (P-5/sec-8)
1154	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lighting	Construction	IS 10322 (P-5/sec-8) (Cl. 7)
1155	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lighting	Creepage Distance and Clearances	IS 10322 (P-5/sec-8)
1156	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lighting	Creepage Distance and Clearances	IS 10322 (P-5/sec-8) (Cl. 8)
1157	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lighting	Endurance Tests and Thermal Tests	IS 10322 (P-5/sec-8)
1158	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lighting	Endurance Tests and Thermal Tests	IS 10322 (P-5/sec-8) (Cl. 13)
1159	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lighting	External and Internal Wiring	IS 10322 (P-5/sec-8)
1160	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lighting	External and Internal Wiring	IS 10322 (P-5/sec-8) (Cl. 11)
1161	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lighting	Insulation Resistance and Electric Strength	IS 10322 (P-5/sec-8)

SCOPE OF ACCREDITATION

Laboratory Name : AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6104 **Page No** 73 of 120

Validity 10/08/2022 to 09/08/2024 **Last Amended on** 04/02/2023

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
1162	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lighting	Insulation Resistance and Electric Strength	IS 10322 (P-5/sec-8) (Cl. 15)
1163	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lighting	Marking	IS 10322 (P-5/sec-8)
1164	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lighting	Marking	IS 10322 (P-5/sec-8) (Cl. 6)
1165	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lighting	Protection Against Electric shock	IS 10322 (P-5/sec-8)
1166	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lighting	Protection Against Electric shock	IS 10322 (P-5/sec-8) (Cl. 12)
1167	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lighting	Provision for Earthing	IS 10322 (P-5/sec-8)
1168	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lighting	Provision for Earthing	IS 10322 (P-5/sec-8) (Cl. 9)
1169	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lighting	Resistance to Dust and Moisture	IS 10322 (P-5/sec-8)
1170	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lighting	Resistance to Dust and Moisture	IS 10322 (P-5/sec-8) (Cl. 14)
1171	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lighting	Resistance to Heat, Fire and Tracking	IS 10322 (P-5/sec-8)
1172	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lighting	Resistance to Heat, Fire and Tracking	IS 10322 (P-5/sec-8) (Cl. 16)
1173	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lighting	Terminals	IS 10322 (P-5/sec-8)
1174	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lighting	Terminals	IS 10322 (P-5/sec-8) (Cl. 10)
1175	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General purpose Luminaries	Construction	10322 (Part5/Sec 1)

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	74 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
1176	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General purpose Luminaries	Construction	10322 (Part5/Sec 1)(Cl. 7)
1177	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General purpose Luminaries	Creepage Distance and Clearances	10322 (Part5/Sec 1)
1178	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General purpose Luminaries	Creepage Distance and Clearances	10322 (Part5/Sec 1)(Cl. 8)
1179	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General purpose Luminaries	Endurance Tests and Thermal Tests	10322 (Part5/Sec 1)
1180	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General purpose Luminaries	Endurance Tests and Thermal Tests	10322 (Part5/Sec 1)(Cl. 13)
1181	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General purpose Luminaries	External and Internal Wiring	IS 10322 (Part 1)
1182	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General purpose Luminaries	External and Internal Wiring	IS 10322 (Part 1)(Cl. 11)
1183	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General purpose Luminaries	EXTERNAL AND INTERNAL WIRING (Cl. 11)	IS 10322 (Part5/Sec 1)
1184	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General purpose Luminaries	Insulation Resistance and Electric Strength	10322 (Part5/Sec 1)
1185	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General purpose Luminaries	Insulation Resistance and Electric Strength	10322 (Part5/Sec 1)(Cl. 15)
1186	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General purpose Luminaries	Marking	10322 (Part5/Sec 1)
1187	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General purpose Luminaries	Marking	10322 (Part5/Sec 1)(Cl. 6)
1188	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General purpose Luminaries	Marking	IS 10322 (Part 1)
1189	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General purpose Luminaries	Marking	IS 10322 (Part 1)(Cl. 6)

SCOPE OF ACCREDITATION

Laboratory Name : AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6104 **Page No** 75 of 120

Validity 10/08/2022 to 09/08/2024 **Last Amended on** 04/02/2023

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
1190	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General purpose Luminaries	Protection Against Electric shock	10322 (Part5/Sec 1)
1191	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General purpose Luminaries	Protection Against Electric shock	10322 (Part5/Sec 1)(Cl. 12)
1192	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General purpose Luminaries	Provision for Earthing	10322 (Part5/Sec 1)
1193	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General purpose Luminaries	Provision for Earthing	10322 (Part5/Sec 1)(Cl. 9)
1194	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General purpose Luminaries	Resistance to Dust and Moisture	10322 (Part5/Sec 1)
1195	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General purpose Luminaries	Resistance to Dust and Moisture	10322 (Part5/Sec 1)(Cl. 14)
1196	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General purpose Luminaries	Resistance to Heat, Fire and Tracking	10322 (Part5/Sec 1)
1197	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General purpose Luminaries	Resistance to Heat, Fire and Tracking	10322 (Part5/Sec 1)(Cl. 16)
1198	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General purpose Luminaries	Terminals	10322 (Part5/Sec 1)
1199	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General purpose Luminaries	Terminals	10322 (Part5/Sec 1)(Cl. 10)
1200	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Flood Lights	External and Internal Wiring (Cl. 11)	IS 10322 (P-5/sec-5): 2013
1201	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Floodlights	Construction	IS 10322 (P-5/sec-5)
1202	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Floodlights	Construction	IS 10322 (P-5/sec-5) (Cl. 7)
1203	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Floodlights	Creepage Distance and Clearances	IS 10322 (P-5/sec-5)

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	76 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
1204	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Floodlights	Creepage Distance and Clearances	IS 10322 (P-5/sec-5) (Cl. 8)
1205	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Floodlights	Endurance Tests and Thermal Tests	IS 10322 (P-5/sec-8)
1206	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Floodlights	Endurance Tests and Thermal Tests	IS 10322 (P-5/sec-8) (Cl. 13)
1207	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Floodlights	Endurance Tests and Thermal Tests (Cl. 13)	IS 10322 (P-5/sec-5)
1208	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Floodlights	External and Internal Wiring (Cl. 11)	IS 10322 (Part 5/ Sec 5)
1209	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Floodlights	Insulation Resistance and Electric Strength	IS 10322 (P-5/sec-8)
1210	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Floodlights	Insulation Resistance and Electric Strength	IS 10322 (P-5/sec-8) (Cl. 15)
1211	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Floodlights	Insulation Resistance and Electric Strength (Cl. 15)	IS 10322 (P-5/sec-5): 2013
1212	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Floodlights	Marking	IS 10322 (P-5/sec-5)
1213	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Floodlights	Marking	IS 10322 (P-5/sec-5) (Cl. 6)
1214	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Floodlights	Protection Against Electric shock	IS 10322 (P-5/sec-8)
1215	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Floodlights	Protection Against Electric shock	IS 10322 (P-5/sec-8) (Cl. 12)
1216	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Floodlights	Protection Against Electric shock (Cl. 12)	IS 10322 (P-5/Sec-5)
1217	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Floodlights	Protection Against Electric shock (Cl. 12)	IS 10322 (P-5/sec-5)

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	77 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
1218	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Floodlights	Provision for Earthing	IS 10322 (P-5/sec-5)
1219	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Floodlights	Provision for Earthing	IS 10322 (P-5/sec-5) (Cl. 9)
1220	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Floodlights	Resistance to Dust and Moisture	IS 10322 (P-5/sec-8)
1221	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Floodlights	Resistance to Dust and Moisture	IS 10322 (P-5/sec-8) (Cl. 14)
1222	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Floodlights	Resistance to Dust and Moisture (Cl. 14)	IS 10322 (P-5/sec-5): 2013
1223	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Floodlights	Resistance to Heat, Fire and Tracking	IS 10322 (P-5/sec-8)
1224	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Floodlights	Resistance to Heat, Fire and Tracking	IS 10322 (P-5/sec-8) (Cl. 16)
1225	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Floodlights	Resistance to Heat, Fire and Tracking (Cl. 16)	IS 10322 (P-5/sec-5): 2013
1226	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Floodlights	Terminals	IS 10322 (P-5/sec-5)
1227	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Floodlights	Terminals	IS 10322 (P-5/sec-5) (Cl. 10)
1228	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Handlamps	Construction	10322 (P-5/sec-6)
1229	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Handlamps	Construction	10322 (P-5/sec-6) (Cl. 7)
1230	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Handlamps	Creepage Distance and Clearances	IS 10322 (P-5/sec-6)
1231	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Handlamps	Creepage Distance and Clearances	IS 10322 (P-5/sec-6) (Cl. 8)

SCOPE OF ACCREDITATION

Laboratory Name : AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6104 **Page No** 78 of 120

Validity 10/08/2022 to 09/08/2024 **Last Amended on** 04/02/2023

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
1232	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Handlamps	Endurance Tests and Thermal Tests	IS 10322 (P-5/sec-6)
1233	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Handlamps	Endurance Tests and Thermal Tests	IS 10322 (P-5/sec-6) (Cl. 13)
1234	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Handlamps	External and Internal Wiring	IS 10322 (P-5/sec-6)
1235	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Handlamps	External and Internal Wiring	IS 10322 (P-5/sec-6) (Cl. 11)
1236	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Handlamps	Insulation Resistance and Electric Strength	IS 10322 (P-5/sec-6)
1237	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Handlamps	Insulation Resistance and Electric Strength	IS 10322 (P-5/sec-6) (Cl. 15)
1238	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Handlamps	Protection Against Electric shock	IS 10322 (P-5/sec-6)
1239	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Handlamps	Protection Against Electric shock	IS 10322 (P-5/sec-6) (Cl. 12)
1240	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Handlamps	Provision for Earthing	IS 10322 (P-5/sec-6)
1241	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Handlamps	Provision for Earthing	IS 10322 (P-5/sec-6) (Cl. 9)
1242	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Handlamps	Resistance to Dust and Moisture	IS 10322 (P-5/sec-6)
1243	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Handlamps	Resistance to Dust and Moisture	IS 10322 (P-5/sec-6) (Cl. 14)
1244	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Handlamps	Resistance to Heat, Fire and Tracking	IS 10322 (P-5/sec-6)
1245	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Handlamps	Resistance to Heat, Fire and Tracking	IS 10322 (P-5/sec-6) (Cl. 16)

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	79 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
1246	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Handlamps	Terminals	IS 10322 (P-5/sec-6)
1247	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Handlamps	Terminals	IS 10322 (P-5/sec-6) (Cl. 10)
1248	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control gear, DC or AC Supplied Electronic Control gear for LED Modules	Construction	IS 15885 (Part 2/ Sec 13) (Cl. 16)
1249	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control gear, DC or AC Supplied Electronic Control gear for LED Modules	Creepage Distance and clearance	IS 15885 (Part 2/ Sec 13) (Cl. 17)
1250	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control gear, DC or AC Supplied Electronic Control gear for LED Modules	Fault conditions	IS 15885 (Part 2/ Sec 13) (Cl. 14)
1251	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control gear, DC or AC Supplied Electronic Control gear for LED Modules	Marking	IS 15885 (Part 2/ Sec 13) (Cl. 7)
1252	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control gear, DC or AC Supplied Electronic Control gear for LED Modules	Resistance to heat, fire and tracking	IS 15885 (Part 2/ Sec 13) (Cl. 19)
1253	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control gear, DC or AC Supplied Electronic Control gear for LED Modules	Electric Strength	IS 15885 (Part 2/ Sec 13) (Cl. 12)
1254	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control gear, DC or AC Supplied Electronic Control gear for LED Modules	Moisture Resistance and insulation	IS 15885 (Part 2/ Sec 13) (Cl. 11)
1255	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control gear, DC or AC Supplied Electronic Control gear for LED Modules	Protection against accidental contact with live parts	IS 15885 (Part 2/ Sec 13) (Cl. 8)
1256	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control gear, DC or AC Supplied Electronic Control gear for LED Modules	Provision for Protective Earthing	IS 15885 (Part 2/ Sec 13) (Cl. 10)
1257	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control gear, DC or AC Supplied Electronic Control gear for LED Modules	Screws, current- carrying parts and connections	IS 15885 (Part 2/ Sec 13) (Cl. 18)
1258	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control gear, DC or AC Supplied Electronic Control gear for LED Modules	Terminals	IS 15885 (Part 2/ Sec 13) (Cl. 9)
1259	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting chains	Construction	IS 10322 (P-5/sec-7)

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	80 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
1260	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting chains	Construction	IS 10322 (P-5/sec-7) (Cl. 20.7)
1261	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting chains	Creepage Distance and Clearances	IS 10322 (P-5/sec-7)
1262	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting chains	Creepage Distance and Clearances	IS 10322 (P-5/sec-7) (Cl. 20.8)
1263	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting chains	Endurance Tests and Thermal Tests	IS 10322 (P-5/sec-7)
1264	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting chains	Endurance Tests and Thermal Tests	IS 10322 (P-5/sec-7)
1265	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting chains	Endurance Tests and Thermal Tests	IS 10322 (P-5/sec-7) (Cl. 20.11)
1266	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting chains	Endurance Tests and Thermal Tests	IS 10322 (P-5/sec-7) (Cl. 20.13)
1267	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting chains	External and Internal Wiring	IS 10322 (P-5/sec-7)
1268	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting chains	External and Internal Wiring	IS 10322 (P-5/sec-7) (Cl. 20.11)
1269	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting chains	Insulation Resistance and Electric Strength	IS 10322 (P-5/sec-7)
1270	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting chains	Insulation Resistance and Electric Strength	IS 10322 (P-5/sec-7) (Cl. 20.15)
1271	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting chains	Marking	IS 10322 (P-5/sec-7)
1272	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting chains	Marking	IS 10322 (P-5/sec-7) (Cl. 20.6)
1273	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting chains	Protection Against Electric shock	IS 10322 (P-5/sec-7)

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	81 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
1274	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting chains	Protection Against Electric shock	IS 10322 (P-5/sec-7) (Cl. 20.12)
1275	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting chains	Provision for Earthing	IS 10322 (P-5/sec-7)
1276	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting chains	Provision for Earthing	IS 10322 (P-5/sec-7) (Cl. 20.9)
1277	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting chains	Resistance to Dust and Moisture	IS 10322 (P-5/sec-7)
1278	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting chains	Resistance to Dust and Moisture	IS 10322 (P-5/sec-7) (Cl. 20.14)
1279	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting chains	Resistance to Heat, Fire and Tracking	IS 10322 (P-5/sec-7)
1280	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting chains	Resistance to Heat, Fire and Tracking	IS 10322 (P-5/sec-7) (Cl. 20.16)
1281	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting chains	Terminals	IS 10322 (P-5/sec-7)
1282	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting chains	Terminals	IS 10322 (P-5/sec-7) (Cl. 20.10)
1283	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for road and street lighting	Construction	IS 10322 (P-5/sec-3)
1284	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for road and street lighting	Construction	IS 10322 (P-5/sec-3)
1285	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for road and street lighting	Construction	IS 10322 (P-5/sec-3) (Cl. 7)
1286	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for road and street lighting	Creepage Distance and Clearances	IS 10322 (P-5/sec-3)
1287	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for road and street lighting	Creepage Distance and Clearances	IS 10322 (P-5/sec-3) (Cl. 8)

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	82 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
1288	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for road and street lighting	Endurance Tests and Thermal Tests	IS 10322 (P-5/sec-3)
1289	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for road and street lighting	Endurance Tests and Thermal Tests	IS 10322 (P-5/sec-3) (Cl. 13)
1290	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for road and street lighting	External and Internal Wiring	IS 10322 (P-5/sec-3)
1291	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for road and street lighting	External and Internal Wiring	IS 10322 (P-5/sec-3) (Cl. 11)
1292	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for road and street lighting	Insulation Resistance and Electric Strength	IS 10322 (P-5/sec-3)
1293	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for road and street lighting	Insulation Resistance and Electric Strength	IS 10322 (P-5/sec-3) (Cl. 15)
1294	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for road and street lighting	Marking	IS 10322 (P-5/sec-3)
1295	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for road and street lighting	Marking	IS 10322 (P-5/sec-3) (Cl. 6)
1296	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for road and street lighting	Protection Against Electric shock	IS 10322 (P-5/sec-3)
1297	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for road and street lighting	Protection Against Electric shock	IS 10322 (P-5/sec-3) (Cl. 12)
1298	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for road and street lighting	Provision for Earthing	IS 10322 (P-5/sec-3)
1299	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for road and street lighting	Provision for Earthing	IS 10322 (P-5/sec-3) (Cl. 9)
1300	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for road and street lighting	Resistance to Dust and Moisture	IS 10322 (P-5/sec-3)
1301	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for road and street lighting	Resistance to Dust and Moisture	IS 10322 (P-5/sec-3) (Cl. 14)

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	83 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
1302	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for road and street lighting	Resistance to Heat, Fire and Tracking	IS 10322 (P-5/sec-3)
1303	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for road and street lighting	Resistance to Heat, Fire and Tracking	IS 10322 (P-5/sec-3) (Cl. 16)
1304	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for road and street lighting	Terminals	IS 10322 (P-5/sec-3)
1305	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for road and street lighting	Terminals	IS 10322 (P-5/sec-3) (Cl. 10)
1306	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Portable general purpose	External and Internal Wiring	IS 10322 (P-5/sec-4)
1307	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Portable general purpose	Insulation Resistance and Electric Strength	IS 10322 (P-5/sec-4)
1308	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Portable general purpose	Insulation Resistance and Electric Strength	IS 10322 (P-5/sec-4) (Cl. 15)
1309	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Portable general purpose	Marking	IS 10322 (P-5/sec-4)
1310	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Portable general purpose	Protection Against Electric shock	IS 10322 (P-5/sec-4)
1311	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Portable general purpose	Protection Against Electric Shock (Cl. 11)	IS 10322 (P-5/sec-4)
1312	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Portable general purpose	Provision for Earthing	IS 10322 (P-5/sec-4)
1313	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Portable general purpose	Provision for Earthing	IS 10322 (P-5/sec-4) (Cl. 9)
1314	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Portable general purpose	Resistance to Dust and Moisture	IS 10322 (P-5/sec-4) (Cl. 14)
1315	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Portable general purpose	Resistance to Heat, Fire and Tracking	IS 10322 (P-5/sec-4)

SCOPE OF ACCREDITATION

Laboratory Name : AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6104 **Page No** 84 of 120

Validity 10/08/2022 to 09/08/2024 **Last Amended on** 04/02/2023

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
1316	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Portable general purpose	Resistance to Heat, Fire and Tracking	IS 10322 (P-5/sec-4) (Cl. 16)
1317	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Portable general purpose	Terminals	IS 10322 (P-5/sec-4)
1318	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Portable general purpose	Terminals	IS 10322 (P-5/sec-4) (Cl. 10)
1319	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Portable general purpose luminaires	Construction	IS 10322 (P-5/sec-4)
1320	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Portable general purpose luminaires	Construction	IS 10322 (P-5/sec-4) (Cl. 7)
1321	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Portable general purpose luminaires	Creepage Distance and Clearances	IS 10322 (P-5/sec-4)
1322	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Portable general purpose luminaires	Creepage Distance and Clearances	IS 10322 (P-5/sec-4) (Cl. 8)
1323	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Portable general purpose luminaires	Endurance Tests and Thermal Tests	10322 (P-5/sec-4)
1324	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Portable general purpose luminaires	Endurance Tests and Thermal Tests	10322 (P-5/sec-4) (Cl. 13)
1325	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Portable general purpose luminaires	External and Internal Wiring	IS 10322 (P-5/sec-4) (Cl. 11)
1326	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Portable general purpose luminaires	Marking	IS 10322 (P-5/sec-4) (Cl. 6)
1327	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Portable general purpose luminaires	Protection Against Electric shock	IS 10322 (P-5/sec-4) (Cl. 12)
1328	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed luminaires	Construction	10322 (P-5/sec-2)
1329	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed luminaires	Construction	10322 (P-5/sec-2) (Cl. 7)

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-6104
Page No	85 of 120
Validity	10/08/2022 to 09/08/2024
Last Amended on	04/02/2023

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
1330	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed luminaires	Creepage Distance and Clearances	10322 (P-5/sec-2)
1331	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed luminaires	Creepage Distance and Clearances	10322 (P-5/sec-2) (Cl. 8)
1332	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed luminaires	Endurance Tests and Thermal Tests	IS 10322 (P-5/sec-2)
1333	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed luminaires	Endurance Tests and Thermal Tests	IS 10322 (P-5/sec-2) (Cl. 13)
1334	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed luminaires	External and Internal Wiring	10322 (P-5/sec-2)
1335	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed luminaires	External and Internal Wiring	10322 (P-5/sec-2) (Cl. 11)
1336	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed luminaires	Insulation Resistance and Electric Strength	IS 10322 (P-5/sec-2)
1337	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed luminaires	Insulation Resistance and Electric Strength	IS 10322 (P-5/sec-2) (Cl. 15)
1338	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed luminaires	Marking	10322 (P-5/sec-2)
1339	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed luminaires	Marking	10322 (P-5/sec-2) (Cl. 6)
1340	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed luminaires	Protection Against Electric shock	10322 (P-5/sec-2) (Cl. 12)
1341	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed luminaires	Provision for Earthing	10322 (P-5/sec-2) (Cl. 9)
1342	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed luminaires	Resistance to Dust and Moisture	IS 10322 (P-5/sec-2) (Cl. 14)
1343	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed luminaires	Resistance to Heat, Fire and Tracking	IS 10322 (P-5/sec-2) (Cl. 16)

SCOPE OF ACCREDITATION

Laboratory Name : AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6104 **Page No** 86 of 120

Validity 10/08/2022 to 09/08/2024 **Last Amended on** 04/02/2023

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
1344	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed luminaires	Terminals	10322 (P-5/sec-2) (Cl. 10)
1345	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Rope Lights	Classification of luminaires/Cl.21.5	IS 10322 (Part 5/Sec 9) :2017
1346	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Rope Lights	Construction/Cl.21.7	IS 10322 (Part 5/Sec 9) :2017
1347	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Rope Lights	Creepage distances and clearances/cl.21.8	IS 10322 (Part 5/Sec 9) :2017
1348	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Rope lights	Endurance tests and thermal tests	IS 10322 (Part 5/Sec 9) :2017
1349	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Rope Lights	External and internal wiring	IS 10322 (Part 5/Sec 9) :2017
1350	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Rope Lights	Insulation Resistance and electric strength/Cl.21.15	IS 10322 (Part 5/Sec 9) :2017: 2017
1351	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Rope Lights	Marking/Cl.1.6	IS 10322 (Part 5/Sec 9) :2017
1352	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Rope Lights	Protection against electric shock	IS 10322 (Part 5/Sec 9) :2017
1353	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Rope lights	Resistance to dust, solid object and moisture/Cl.21.14	IS 10322 (Part 5/Sec 9) :2017: 2017
1354	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Rope Lights	Resistance to heat, fire and Tracking/Cl.21.16	IS 10322 (Part 5/Sec 9) :2017: 2017
1355	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Rope lights	Terminals/Cl.21.10	IS 10322 (Part 5/Sec 9) :2017
1356	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamps For general purpose Lighting Services	Cap Temperature Rise Test	IS 16102 (Part 1)(Cl. 10)
1357	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamps For general purpose Lighting Services, Safety Requirements	Creepage Distance And Clearances	IS 16102 (Part 1) (Cl. 14)

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	87 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
1358	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamps For general purpose Lighting Services, Safety Requirements	Fault Conditions	IS 16102 (Part 1)
1359	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamps For general purpose Lighting Services, Safety Requirements	Fault Conditions	IS 16102 (Part 1)(Cl. 13)
1360	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamps For general purpose Lighting Services, Safety Requirements	Interchangeability	IS 16102 (Part 1)
1361	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamps For general purpose Lighting Services, Safety Requirements	Interchangeability	IS 16102 (Part 1)(Cl. 6)
1362	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamps For general purpose Lighting Services, Safety Requirements	Marking	IS 16102 (Part 1)
1363	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamps For general purpose Lighting Services, Safety Requirements	Marking	IS 16102 (Part 1)(Cl. 5)
1364	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamps For general purpose Lighting Services, Safety Requirements	Mechanical Strength	IS 16102 (Part 1)
1365	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamps For general purpose Lighting Services, Safety Requirements	Mechanical Strength	IS 16102 (Part 1)(Cl. 9)
1366	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamps For general purpose Lighting Services, Safety Requirements	Protection Against accidental Contact With Live Parts	IS:16102 (Part 1)
1367	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamps For general purpose Lighting Services, Safety Requirements	Protection Against accidental Contact With Live Parts	IS:16102 (Part 1) (Cl. 7)
1368	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamps For general purpose Lighting Services, Safety Requirements	Resistance to Flame and Ignition	IS 16102 (Part 1)
1369	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamps For general purpose Lighting Services, Safety Requirements	Resistance to Flame and Ignition	IS 16102 (Part 1) (Cl.12)
1370	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamps For general purpose Lighting Services, Safety Requirements	Resistance To Heat	IS 16102 (Part 1)
1371	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamps For general purpose Lighting Services, Safety Requirements	Resistance To Heat	IS 16102 (Part 1) (Cl. 11)

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	88 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
1372	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamps For general purpose Lighting Services, Safety Requirements	Insulation Resistance and Electric Strength Test After Humidity	IS 16102 (Part 1)
1373	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamps For general purpose Lighting Services, Safety Requirements	Insulation Resistance and Electric Strength Test After Humidity	IS 16102 (Part 1)(Cl. 8)
1374	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamps For general purpose Lighting Services.	Cap Temperature Rise Test	IS 16102 (Part 1)
1375	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamps For general purpose Lighting Services.	Creepage Distance And Clearances	IS 16102 (Part 1)
1376	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Stationary Storage Type Electric Water Heater	Temperature rise / Heating	IS 302-2-35
1377	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Stationary Storage Type Electric Water Heater	Temperature rise / Heating	IS 302-2-35 (Cl. 11)
1378	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SINGLE PHASE a.c. INDUCTION MOTORS FOR GENERAL PURPOSE	Momentary Overload Test	IS 996
1379	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SINGLE PHASE a.c. INDUCTION MOTORS FOR GENERAL PURPOSE	Momentary Overload Test	IS 996 (Cl. 12.1.2)
1380	ELECTRICAL- ROTATING ELECTRICAL MACHINES	EVAPORATIVE AIR COOLERS (DESERT COOLERS) — SPECIFICATION	Power consumption test as specified in 6.2	IS 3315
1381	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Insulation Resistance Test (Cl. 8.2.4	Leakage Current(Cl. 8.2.5	IS 3315
1382	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Safety of house hold and similar electrical appliances Tumbler Dryers	Abnormal operation (Cl. 19)	IS 302-2-11
1383	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Safety of house hold and similar electrical appliances Tumbler Dryers	CLASSIFICATION (Cl. 6)	IS 302-2-11
1384	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Safety of house hold and similar electrical appliances Tumbler Dryers	Components (Cl. 24)	IS 302-2-11
1385	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Safety of house hold and similar electrical appliances Tumbler Dryers	Construction (Cl. 22)	IS 302-2-11
1386	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Safety of house hold and similar electrical appliances Tumbler Dryers	Creepage distance and clearances (Cl. 29)	IS 302-2-11
1387	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Safety of house hold and similar electrical appliances Tumbler Dryers	Electrical insulation and leakage current at operating temperature (Cl. 13)	IS 302-2-11

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	89 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
1388	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Safety of house hold and similar electrical appliances Tumbler Dryers	INPUT (Cl. 10)	IS 302-2-11
1389	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Safety of house hold and similar electrical appliances Tumbler Dryers	Insulation resistance and electric strength (after humidity treatment) (Cl. 16)	IS 302-2-11
1390	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Safety of house hold and similar electrical appliances Tumbler Dryers	Internal wiring (Cl. 23)	IS 302-2-11
1391	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Safety of house hold and similar electrical appliances Tumbler Dryers	MARKING (Cl. 7)	IS 302-2-11
1392	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Safety of house hold and similar electrical appliances Tumbler Dryers	Mechanical strength (Cl. 21)	IS 302-2-11
1393	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Safety of house hold and similar electrical appliances Tumbler Dryers	Moisture resistance (Cl. 15)	IS 302-2-11
1394	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Safety of house hold and similar electrical appliances Tumbler Dryers	Operation under overload conditions (Cl. 12)	IS 302-2-11
1395	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Safety of house hold and similar electrical appliances Tumbler Dryers	Overload protection (Cl. 17)	IS 302-2-11
1396	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Safety of house hold and similar electrical appliances Tumbler Dryers	PROTECTION AGAINST ELECTRIC SHOCK (Cl. 8)	IS 302-2-11
1397	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Safety of house hold and similar electrical appliances Tumbler Dryers	Provision for earthing (Cl. 27)	IS 302-2-11
1398	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Safety of house hold and similar electrical appliances Tumbler Dryers	Radiation hazards (Cl. 32)	IS 302-2-11
1399	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Safety of house hold and similar electrical appliances Tumbler Dryers	Radio and television interference suppression (Cl. 14)	IS 302-2-11
1400	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Safety of house hold and similar electrical appliances Tumbler Dryers	Resistance to heat, fire and tacking (Cl. 30)	IS 302-2-11
1401	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Safety of house hold and similar electrical appliances Tumbler Dryers	Resistance to rusting (Cl. 31)	IS 302-2-11
1402	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Safety of house hold and similar electrical appliances Tumbler Dryers	Screws and connections (Cl.28)	IS 302-2-11
1403	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Safety of house hold and similar electrical appliances Tumbler Dryers	Stability and mechanical hazards (Cl. 20)	IS 302-2-11
1404	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Safety of house hold and similar electrical appliances Tumbler Dryers	STARTING OF MOTOR-OPERATED APPLIANCES (Cl. 9)	IS 302-2-11
1405	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Safety of house hold and similar electrical appliances Tumbler Dryers	Supply correction and external flexible cables and cords (Cl. 25)	IS 302-2-11

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	90 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
1406	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Safety of house hold and similar electrical appliances Tumbler Dryers	Temperature rise (Cl. 11)	IS 302-2-11
1407	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Safety of house hold and similar electrical appliances Tumbler Dryers	Terminals for external conductors (Cl. 26)	IS 302-2-11
1408	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SINGLE PHASE a.c. INDUCTION MOTORS FOR GENERAL PURPOSE	Dimension	IS 996
1409	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SINGLE PHASE a.c. INDUCTION MOTORS FOR GENERAL PURPOSE	Dimension	IS 996 (Cl. 7)
1410	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SINGLE PHASE a.c. INDUCTION MOTORS FOR GENERAL PURPOSE	High Voltage Test	IS 996
1411	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SINGLE PHASE a.c. INDUCTION MOTORS FOR GENERAL PURPOSE	High Voltage Test	IS 996 (Cl. 13.1)
1412	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SINGLE PHASE a.c. INDUCTION MOTORS FOR GENERAL PURPOSE	Insulation Resistance Test	IS 996 (Cl. 12.7)
1413	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SINGLE PHASE a.c. INDUCTION MOTORS FOR GENERAL PURPOSE	Insulation Resistance Test	IS 996 (Cl. 14.9)
1414	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SINGLE PHASE a.c. INDUCTION MOTORS FOR GENERAL PURPOSE	Leakage Current Test	IS 996
1415	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SINGLE PHASE a.c. INDUCTION MOTORS FOR GENERAL PURPOSE	Leakage Current Test	IS 996 (Cl. 13.3)
1416	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SINGLE PHASE a.c. INDUCTION MOTORS FOR GENERAL PURPOSE	Moisture Proofness Test	IS 996
1417	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SINGLE PHASE a.c. INDUCTION MOTORS FOR GENERAL PURPOSE	Moisture Proofness Test	IS 996 (Cl. 13.2)
1418	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SINGLE PHASE a.c. INDUCTION MOTORS FOR GENERAL PURPOSE	Temperature Rise Test	IS 996
1419	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SINGLE PHASE a.c. INDUCTION MOTORS FOR GENERAL PURPOSE	Temperature Rise Test	IS 996 (Cl. 12.2)
1420	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SINGLE PHASE a.c. INDUCTION MOTORS FOR GENERAL PURPOSE	Test for no Load and full Load Current Power Input and Speed and Rated Voltage and Frequency	IS 996
1421	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SINGLE PHASE a.c. INDUCTION MOTORS FOR GENERAL PURPOSE	Test for no Load and full Load Current Power Input and Speed and Rated Voltage and Frequency	IS 996 (Cl. 12.5)
1422	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SINGLE PHASE a.c. INDUCTION MOTORS FOR GENERAL PURPOSE	Criteria for Labelling Environment Friendly Products (Cl. 15)	996

SCOPE OF ACCREDITATION

Laboratory Name : AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6104 **Page No** 91 of 120

Validity 10/08/2022 to 09/08/2024 **Last Amended on** 04/02/2023

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
1423	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SINGLE PHASE a.c. INDUCTION MOTORS FOR GENERAL PURPOSE	General construction (Cl. 9)	996
1424	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SINGLE PHASE a.c. INDUCTION MOTORS FOR GENERAL PURPOSE	Marking and Diagram of Connections (16.1)	996
1425	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SINGLE PHASE a.c. INDUCTION MOTORS FOR GENERAL PURPOSE	Method of cooling	996
1426	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SINGLE PHASE a.c. INDUCTION MOTORS FOR GENERAL PURPOSE	Terminal marking (Cl. 14)	996
1427	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SINGLE PHASE a.c. INDUCTION MOTORS FOR GENERAL PURPOSE	Test for torques at rated voltage and frequency (Cl. 12.1.1	996
1428	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SINGLE PHASE a.c. INDUCTION MOTORS FOR GENERAL PURPOSE	Type of enclosure (Cl. 10)	996
1429	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SINGLE PHASE a.c. INDUCTION MOTORS FOR GENERAL PURPOSE	Vibration test (12.6)	996
1430	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SPECIFICATION FOR EVAPORATIVE AIR COOLERS DESERT COOLERS	Protection against Electric Shock CL.8.2.2	IS 3315
1431	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SPECIFICATION FOR EVAPORATIVE AIR COOLERS DESERT COOLERS	Marking and Instructions Cl.15	IS 3315
1432	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SPECIFICATION FOR EVAPORATIVE AIR COOLERS DESERT COOLERS	Cooling Efficiency and Air Delivery Test(Cl. 8.4.2of	IS 3315
1433	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SPECIFICATION FOR EVAPORATIVE AIR COOLERS DESERT COOLERS	Earthing Connections Tests Cl. 8.2.6	IS 3315
1434	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SPECIFICATION FOR EVAPORATIVE AIR COOLERS DESERT COOLERS	Finish(Cl. 8.2.7	IS 3315
1435	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SPECIFICATION FOR EVAPORATIVE AIR COOLERS DESERT COOLERS	General Running Tests Cl. 8.2.1	IS 3315
1436	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SPECIFICATION FOR EVAPORATIVE AIR COOLERS DESERT COOLERS	High Voltage Tests(Cl. 8.2.3	IS 3315
1437	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SPECIFICATION FOR EVAPORATIVE AIR COOLERS DESERT COOLERS	Rating. (Cl.8	IS 3315
1438	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SPECIFICATION FOR PROPELLER TYPE ac VENTILATING FANS	AC Leakage Test	IS 2312
1439	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SPECIFICATION FOR PROPELLER TYPE ac VENTILATING FANS	AC Leakage Test	IS 2312 (Cl. 14.7)
1440	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SPECIFICATION FOR PROPELLER TYPE ac VENTILATING FANS	Air Delivery	IS 2312

SCOPE OF ACCREDITATION

Laboratory Name : AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6104 **Page No** 92 of 120

Validity 10/08/2022 to 09/08/2024 **Last Amended on** 04/02/2023

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
1441	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SPECIFICATION FOR PROPELLER TYPE ac VENTILATING FANS	Air Delivery	IS 2312 (Cl. 14.2)
1442	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SPECIFICATION FOR PROPELLER TYPE ac VENTILATING FANS	Earthing Continuity	IS 2312
1443	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SPECIFICATION FOR PROPELLER TYPE ac VENTILATING FANS	Earthing Continuity	IS 2312 (Cl. 14.10)
1444	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SPECIFICATION FOR PROPELLER TYPE ac VENTILATING FANS	Electrical Input Test	IS 2312
1445	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SPECIFICATION FOR PROPELLER TYPE ac VENTILATING FANS	Electrical Input Test	IS 2312 (Cl. 14.11)
1446	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SPECIFICATION FOR PROPELLER TYPE ac VENTILATING FANS	Fan Speed	IS 2312
1447	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SPECIFICATION FOR PROPELLER TYPE ac VENTILATING FANS	Fan Speed	IS 2312 (Cl. 14.12)
1448	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SPECIFICATION FOR PROPELLER TYPE ac VENTILATING FANS	Flash Test	IS 2312
1449	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SPECIFICATION FOR PROPELLER TYPE ac VENTILATING FANS	Flash Test	IS 2312 (Cl. 14.13)
1450	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SPECIFICATION FOR PROPELLER TYPE ac VENTILATING FANS	High Voltage Test	IS 2312
1451	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SPECIFICATION FOR PROPELLER TYPE ac VENTILATING FANS	High Voltage Test	IS 2312 (Cl. 14.8)
1452	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SPECIFICATION FOR PROPELLER TYPE ac VENTILATING FANS	Insulation Resistance Test	IS 2312
1453	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SPECIFICATION FOR PROPELLER TYPE ac VENTILATING FANS	Insulation Resistance Test	IS 2312 (Cl.14.9)
1454	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SPECIFICATION FOR PROPELLER TYPE ac VENTILATING FANS	Marking (Cl. 13)	IS 2312
1455	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SPECIFICATION FOR PROPELLER TYPE ac VENTILATING FANS	Marking 13	IS 2312
1456	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SPECIFICATION FOR PROPELLER TYPE ac VENTILATING FANS	Power Factor	IS 2312
1457	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SPECIFICATION FOR PROPELLER TYPE ac VENTILATING FANS	Power Factor	IS 2312 (Cl. 14.6)
1458	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SPECIFICATION FOR PROPELLER TYPE ac VENTILATING FANS	Starting Voltage	IS 2312 (Cl. 10.1)
1459	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SPECIFICATION FOR PROPELLER TYPE ac VENTILATING FANS	Temperature Rise Test	IS 2312 (Cl. 14.3)

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	93 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
1460	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Spin Extractors	Creepage distance and clearances cl.29	IS 302-2-4
1461	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Spin Extractors	Electrical insulation and leakage current cl. 13	IS 302-2-4
1462	ELECTRICAL- ROTATING ELECTRICAL MACHINES	spin extractors	Input cl.10	IS 302-2-4
1463	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Spin Extractors	Insulation resistance and electric strength (after humidity treatment cl.16	IS 302-2-4
1464	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Spin Extractors	Internal wiring cl. 23	IS 302-2-4
1465	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Spin Extractors	Mechanical strength cl.21	IS 302-2-4
1466	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SPIN EXTRACTORS	Moisture resistance cl. 15	IS 302-2-4
1467	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SPIN EXTRACTORS	Operation under overload condition cl.12	302-2-4
1468	ELECTRICAL- WIRING ACCESSORIES	conduits	Bending Test	IS: 9537(P-3)
1469	ELECTRICAL- WIRING ACCESSORIES	Conduits for electrical installations Rigid Plain Conduits of insulating material	Bending Test	IS: 9537(P-3)-1983 (Reaffirmed-2007)
1470	ELECTRICAL- WIRING ACCESSORIES	Conduits for electrical installations Rigid Plain Conduits of insulating material	Classification	IS: 9537(P-3)-1983(Reaffirmed-2007) (Cl.5)
1471	ELECTRICAL- WIRING ACCESSORIES	Conduits for electrical installations Rigid Plain Conduits of insulating material	Bending Test	S: 9537(P-3)-1983 (Reaffirmed-2007) (Cl.9.2)
1472	ELECTRICAL- WIRING ACCESSORIES	Conduits for electrical installations Rigid Plain Conduits of insulating material	Collapse Test	IS: 9537(P-3)-1983 (Reaffirmed-2007)
1473	ELECTRICAL- WIRING ACCESSORIES	Conduits for electrical installations Rigid Plain Conduits of insulating material	Collapse Test	IS: 9537(P-3)-1983 (Reaffirmed-2007) (Cl.9.5)
1474	ELECTRICAL- WIRING ACCESSORIES	Conduits for electrical installations Rigid Plain Conduits of insulating material	Compression Test	IS: 9537(P-3)-1983 (Reaffirmed-2007)
1475	ELECTRICAL- WIRING ACCESSORIES	Conduits for electrical installations Rigid Plain Conduits of insulating material	Compression Test	IS: 9537(P-3)-1983 (Reaffirmed-2007) (Cl.9.3)
1476	ELECTRICAL- WIRING ACCESSORIES	Conduits for electrical installations Rigid Plain Conduits of insulating material	Construction	IS: 9537(P-3)-1983 (Reaffirmed-2007) (Cl.8)
1477	ELECTRICAL- WIRING ACCESSORIES	Conduits for electrical installations Rigid Plain Conduits of insulating material	Electrical Strength	IS: 9537(P-3)-1983 (Reaffirmed-2007)

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	94 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
1478	ELECTRICAL- WIRING ACCESSORIES	Conduits for electrical installations Rigid Plain Conduits of insulating material	Electrical Strength	IS: 9537(P-3)-1983 (Reaffirmed-2007) (Cl.12.1.1)
1479	ELECTRICAL- WIRING ACCESSORIES	Conduits for electrical installations Rigid Plain Conduits of insulating material	Impact Test	IS: 9537(P-3)-1983 (Reaffirmed-2007)
1480	ELECTRICAL- WIRING ACCESSORIES	Conduits for electrical installations Rigid Plain Conduits of insulating material	Insulation Resistance in conduit	IS: 9537(P-3)-1983 (Reaffirmed-2007)
1481	ELECTRICAL- WIRING ACCESSORIES	Conduits for electrical installations Rigid Plain Conduits of insulating material	Marking	IS: 9537(P-3)-1983 (Reaffirmed-2007) (Cl.6)
1482	ELECTRICAL- WIRING ACCESSORIES	Conduits for electrical installations Rigid Plain Conduits of insulating material	Mechanical properties	IS: 9537(P-3)-1983 (Reaffirmed-2007) (Cl.9)
1483	ELECTRICAL- WIRING ACCESSORIES	Conduits for electrical installations Rigid Plain Conduits of insulating material	Resistance to burning	IS: 9537(P-3)-1983 (Reaffirmed-2007) (Cl.11)
1484	ELECTRICAL- WIRING ACCESSORIES	Conduits for electrical installations Rigid Plain Conduits of insulating material	Resistance to Heat Test	IS: 9537(P-3)-1983 (Reaffirmed-2007) (Cl.10)
1485	ELECTRICAL- WIRING ACCESSORIES	Conduits for electrical installations Rigid Plain Conduits of insulating material	Impact Test	IS: 9537(P-3)-1983 (Reaffirmed-2007) (Cl.9.4)
1486	ELECTRICAL- WIRING ACCESSORIES	Conduits for electrical installations Rigid Plain Conduits of insulating material	Insulation Resistance in conduit	IS: 9537(P-3)-1983 (Reaffirmed-2007) (Cl.12.1.2)
1487	ELECTRICAL- WIRING ACCESSORIES	Eclosures for Accessories for household and similar Fixed electrical installations	Constructional requirements	IS 14772 (Cl.11)
1488	ELECTRICAL- WIRING ACCESSORIES	Electronic type fan regulators	Temperature Rise test	11037
1489	ELECTRICAL- WIRING ACCESSORIES	Electronic type fan regulators	Temperature Rise test	11037
1490	ELECTRICAL- WIRING ACCESSORIES	Electronic type fan regulators	Temperature Rise test	11037
1491	ELECTRICAL- WIRING ACCESSORIES	Electronic type fan regulators	Temperature Rise test	IS 11037
1492	ELECTRICAL- WIRING ACCESSORIES	Electronic type fan regulators	Temperature Rise test	IS 11037
1493	ELECTRICAL- WIRING ACCESSORIES	Electronic type fan regulators	Temperature Rise test	IS 11037 (Cl. 9.3.1)
1494	ELECTRICAL- WIRING ACCESSORIES	Enclosures for Accessories for household and similar Fixed electrical installations	Resistance to ageing, to humid conditions, to ingress of solid objects and to harmful ingress of water	IS 14772 (Cl.12)
1495	ELECTRICAL- WIRING ACCESSORIES	Enclosures for Accessories for household and similar Fixed electrical installations	Resistance of insulating material to abnormal heat and to fire	IS 14772 (Cl.15)

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	95 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
1496	ELECTRICAL- WIRING ACCESSORIES	Enclosures for Accessories for household and similar Fixed electrical installations	Resistance to rusting	IS 14772 (Cl.16)
1497	ELECTRICAL- WIRING ACCESSORIES	Enclosures for Accessories for household and similar Fixed electrical installations	Mechanical strength	IS 14772 (Cl.13)
1498	ELECTRICAL- WIRING ACCESSORIES	Enclosures for Accessories for household and similar Fixed electrical installations	Protection against electric shock	IS 14772 (Cl.9)
1499	ELECTRICAL- WIRING ACCESSORIES	Enclosures for Accessories for household and similar Fixed electrical installations	Verification of Marking	IS 14772 (Cl.7)
1500	ELECTRICAL- WIRING ACCESSORIES	Enclosures for Accessories for household and similar Fixed electrical installations	Provision for earthing	IS 14772 (Cl.10)
1501	ELECTRICAL- WIRING ACCESSORIES	Enclosures for Accessories for household and similar Fixed electrical installations	MECHANICAL STRENGTH (CL.15	IS 14772
1502	ELECTRICAL- WIRING ACCESSORIES	Enclosures for Accessories for household and similar Fixed electrical installations	Protection Against Harmful Ingress of Water cl. 13.3	IS 14772
1503	ELECTRICAL- WIRING ACCESSORIES	Enclosures for Accessories for household and similar Fixed electrical installations	Protection Against the Ingress of Solid Objects cl. 13.2	IS 14772
1504	ELECTRICAL- WIRING ACCESSORIES	Enclosures for Accessories for household and similar Fixed electrical installations	CLASSIFICATION (Cl.7	IS 14772
1505	ELECTRICAL- WIRING ACCESSORIES	Enclosures for Accessories for household and similar Fixed electrical installations	CONSTRUCTION (CL.12	IS 14772
1506	ELECTRICAL- WIRING ACCESSORIES	Enclosures for Accessories for household and similar Fixed electrical installations	Dimensions (Cl.9	IS 14772
1507	ELECTRICAL- WIRING ACCESSORIES	Enclosures for Accessories for household and similar Fixed electrical installations	INSULATION RESISTANCE AND ELECTRIC STRENGTH (CL.14	IS 14772
1508	ELECTRICAL- WIRING ACCESSORIES	Enclosures for Accessories for household and similar Fixed electrical installations	Marking (Cl.8	IS 14772
1509	ELECTRICAL- WIRING ACCESSORIES	Enclosures for Accessories for household and similar Fixed electrical installations	Protection against Electric shock (CL.10	IS 14772
1510	ELECTRICAL- WIRING ACCESSORIES	Enclosures for Accessories for household and similar Fixed electrical installations	Provision for earthing (CL.11	IS 14772
1511	ELECTRICAL- WIRING ACCESSORIES	Enclosures for Accessories for household and similar Fixed electrical installations	RATINGS (Cl.6	IS 14772
1512	ELECTRICAL- WIRING ACCESSORIES	Enclosures for Accessories for household and similar Fixed electrical installations	RESISTANCE OF INSULATING MATERIAL TO ABNORMAL HEAT AND FIRE (CL.18	IS14772

SCOPE OF ACCREDITATION

Laboratory Name : AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6104 **Page No** 96 of 120

Validity 10/08/2022 to 09/08/2024 **Last Amended on** 04/02/2023

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
1513	ELECTRICAL- WIRING ACCESSORIES	Enclosures for Accessories for household and similar Fixed electrical installations	RESISTANCE TO AGEING, PROTECTION AGAINST INGRESSOF SOLID OBJECTSAND AGAINSTHARMFUL INGRESS OF WATER (CL.13	IS 14772
1514	ELECTRICAL- WIRING ACCESSORIES	Enclosures for Accessories for household and similar Fixed electrical installations	RESISTANCE TO CORROSION (CL.20	IS 14772
1515	ELECTRICAL- WIRING ACCESSORIES	Enclosures for Accessories for household and similar Fixed electrical installations	Resistance to heat	IS 14772 (Cl.14)
1516	ELECTRICAL- WIRING ACCESSORIES	Enclosures for Accessories for household and similar Fixed electrical installations	RESISTANCE TO HEAT (CL.16	IS 14772
1517	ELECTRICAL- WIRING ACCESSORIES	Enclosures for Accessories for household and similar Fixed electrical installations	Resistance to tracking	IS 14772 (Cl.17)
1518	ELECTRICAL- WIRING ACCESSORIES	Enclosures for Accessories for household and similar Fixed electrical installations	RESISTANCE TO TRACKING (CL.19	IS 14772
1519	ELECTRICAL- WIRING ACCESSORIES	Fitting for Rigid non-metallic conduits	Checking of dimensions	IS:3419-1989
1520	ELECTRICAL- WIRING ACCESSORIES	Fitting for Rigid non-metallic conduits	Checking of dimensions	IS:3419-1989 (Cl.9)
1521	ELECTRICAL- WIRING ACCESSORIES	Fitting for Rigid non-metallic conduits	Copper test	IS:3419-1989 (Cl.14)
1522	ELECTRICAL- WIRING ACCESSORIES	Fitting for Rigid non-metallic conduits	Electrical strength & Insulation resistance	IS:3419-1989
1523	ELECTRICAL- WIRING ACCESSORIES	Fitting for Rigid non-metallic conduits	Electrical strength & Insulation resistance	IS:3419-1989 (Cl.17)
1524	ELECTRICAL- WIRING ACCESSORIES	Fitting for Rigid non-metallic conduits	Moisture absorption test	IS:3419-1989
1525	ELECTRICAL- WIRING ACCESSORIES	Fitting for Rigid non-metallic conduits	Moisture absorption test	IS:3419-1989 (Cl.12)
1526	ELECTRICAL- WIRING ACCESSORIES	Fitting for Rigid non-metallic conduits	Resistance to burning	IS:3419-1989 (Cl.11)
1527	ELECTRICAL- WIRING ACCESSORIES	Fitting for Rigid non-metallic conduits	Resistance to heat	IS:3419-1989
1528	ELECTRICAL- WIRING ACCESSORIES	Fitting for Rigid non-metallic conduits	Resistance to heat	IS:3419-1989 (Cl.10)
1529	ELECTRICAL- WIRING ACCESSORIES	Fitting for Rigid non-metallic conduits	Resistance to impact	IS:3419-1989 (Cl.16)

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	97 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
1530	ELECTRICAL- WIRING ACCESSORIES	Fitting for Rigid non-metallic conduits	Test for resistance to chemical action	IS:3419-1989 (Cl.13)
1531	ELECTRICAL- WIRING ACCESSORIES	Fitting for Rigid non-metallic conduits	Test for resistance to oil	IS:3419-1989
1532	ELECTRICAL- WIRING ACCESSORIES	Fitting for Rigid non-metallic conduits	Test for resistance to oil	IS:3419-1989 (Cl.15)
1533	ELECTRICAL- WIRING ACCESSORIES	Fitting for Rigid non-metallic conduits	Visual Examination	IS:3419-1989 (Cl.8)
1534	ELECTRICAL- WIRING ACCESSORIES	General requirements for enclosures for Accessories for household and similar Fixed electrical installations - Specification	CREEPAGE DISTANCES, CLEARANCES AND DISTANCES THROUGH SEALING COMPOUND (CL.17	14772
1535	ELECTRICAL- WIRING ACCESSORIES	General requirements for enclosures for Accessories for household and similar Fixed electrical installations - Specification	ELECTROMAGNETIC COMPATIBILITY (EMC) (CL.21	IS 14772
1536	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Additional Test on pins provided with insulating sleeves.	IS 1293 (Cl. 30)
1537	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Additional tests on Pins Provided with insulating Sleeves (Cl. 30	IS 1293
1538	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Checking of Dimensions	IS 1293
1539	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Classification	IS 1293
1540	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Compression Test	IS 1293
1541	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Compression Test	IS 1293 (Cl. 25)
1542	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Construction of fixed Socket-outlets	IS 1293
1543	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Construction of plug and portable socket outlets	IS 1293
1544	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Construction of plug and portable socket outlets	IS 1293 (Cl. 13)
1545	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Construction of Plugs and portable Socket-outlet	IS 1293
1546	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Construction requirements of Fixed socket outlet	IS 1293

SCOPE OF ACCREDITATION

Laboratory Name : AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6104 **Page No** 98 of 120

Validity 10/08/2022 to 09/08/2024 **Last Amended on** 04/02/2023

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
1547	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Construction requirements of Fixed socket outlet	IS 1293 (Cl.13)
1548	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Creep age distance, clearance and distance	IS 1293
1549	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Creep age distance, clearance and distance	IS 1293 (Cl. 27)
1550	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Creepage distance, clearances and distance through sealing compound (Cl.27	IS 1293
1551	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Dimension	IS 1293 (Cl. 9)
1552	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Electric Strength	IS 1293
1553	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Electric Strength	IS 1293 (Cl. 17)
1554	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Flexible cables and their connection	IS 1293 (Cl. 23)
1555	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Flexible cables and their connection (Cl.23	IS 1293
1556	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Force necessary to withdraw the plug (Cl.22	IS 1293
1557	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Force Necessary withdraw the plug	IS 1293 (Cl. 22)
1558	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Impact Test at Low Temperature, Cl:30.4	IS 1293
1559	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Insulation Resistance	IS 1293
1560	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Insulation Resistance	IS 1293 (Cl. 17)
1561	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Insulation resistance and electric strength (Cl.17	IS 1293
1562	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Interlocked socket-outlet	IS 1293 (Cl. 15)
1563	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Interlocked socket-outlets	IS 1293
1564	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Making and Breaking Capacity	IS 1293 (Cl. 20)

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	99 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
1565	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Making and Breaking Capacity	IS 1293 (Cl. 20)
1566	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Making and Breaking capacity (Cl.20	IS 1293
1567	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Marking	IS 1293
1568	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Marking	IS 1293
1569	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Marking	IS 1293 (Cl. 8)
1570	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Mechanical strength	IS 1293 (Cl. 24)
1571	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Mechanical Strength (Cl.24)	IS 1293
1572	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Normal operation	IS 1293 (Cl. 21)
1573	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Normal Operation (Cl.21	IS 1293
1574	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Operation of Earthing contact	IS 1293 (Cl. 18)
1575	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Operation of earthing Contacts(Cl.18)	IS 1293
1576	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Pressure Test at High Temperature, Cl.30.1	1293
1577	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Protection against electric shock	IS 1293
1578	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Protection against electric shock	IS 1293 (Cl. 10)
1579	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Protection against electric shock	1293
1580	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Protection provided by Enclosures Cl.16.2	1293
1581	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Provision for Earthing	1293
1582	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Provision for Earthing	IS 1293
1583	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Provision for Earthing	IS 1293 (Cl. 11)

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	100 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
1584	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Ratings	IS 1293
1585	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Resistance to rusting	IS 1293
1586	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Resistance to rusting	IS 1293 (Cl. 29)
1587	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Resistance of insulating material to abnormal heat, fire and tracking	IS 1293
1588	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Resistance of insulating material to abnormal heat, fire and tracking	IS 1293 (Cl. 28)
1589	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Resistance of insulating material to abnormal heat, to fire and to tracking (Cl.28	1293
1590	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Resistance to ageing	IS 1293
1591	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Resistance to ageing	IS 1293 (Cl. 16)
1592	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Resistance to ageing (Cl.16.1)	IS 1293
1593	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Resistance to ageing to harmful ingress of water and to humidity	1293
1594	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Resistance to Harmful ingress of water	IS 1293
1595	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Resistance to Harmful ingress of water	IS 1293 (Cl. 16)
1596	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Resistance to Heat	IS 1293
1597	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Resistance to Heat	IS 1293 (Cl. 25)
1598	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Resistance to Heat (Cl.25)	IS 1293
1599	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Resistance to Humidity	IS 1293 (Cl. 16)
1600	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Resistance to humidity (Cl.16.3)	IS 1293

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	101 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
1601	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Resistance to Rusting (Cl.29)	IS 1293
1602	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Screw current carrying parts and connection	IS 1293
1603	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Screw current carrying parts and connection	IS 1293 (Cl. 26)
1604	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Screws, current carrying parts and connections (Cl.26	IS 1293
1605	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Static damp heat test, Cl.30.2	IS 1293
1606	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Temperature rise test	IS 1293
1607	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Temperature rise test	IS 1293 (Cl. 19)
1608	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Temperature Rise (Cl.19)	IS 1293
1609	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Terminals	IS 1293
1610	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Terminals	IS 1293 (Cl. 12)
1611	ELECTRICAL- WIRING ACCESSORIES	Plug and socket outlet of rated voltage up to and including 250 volts and rated current up to and including 16 Amperes	Tests at Low Temperature, Cl:30.3	IS 1293
1612	ELECTRICAL- WIRING ACCESSORIES	SWITCH-SOCKET-OUTLETS (NON-INTERLOCK TYPE)	Additional Test on pins provided with insulating sleeves.	IS 15787 (Cl. 30)
1613	ELECTRICAL- WIRING ACCESSORIES	SWITCH-SOCKET-OUTLETS (NON-INTERLOCK TYPE)	Breaking capacity	IS 15787
1614	ELECTRICAL- WIRING ACCESSORIES	SWITCH-SOCKET-OUTLETS (NON-INTERLOCK TYPE)	Breaking capacity	IS 15787 (Cl. 20)
1615	ELECTRICAL- WIRING ACCESSORIES	SWITCH-SOCKET-OUTLETS (NON-INTERLOCK TYPE)	Checking of dimension	IS 15787
1616	ELECTRICAL- WIRING ACCESSORIES	SWITCH-SOCKET-OUTLETS (NON-INTERLOCK TYPE)	Checking of dimension	IS 15787 (Cl. 9)
1617	ELECTRICAL- WIRING ACCESSORIES	SWITCH-SOCKET-OUTLETS (NON-INTERLOCK TYPE)	Construction of fixed socket outlets	IS 15787
1618	ELECTRICAL- WIRING ACCESSORIES	SWITCH-SOCKET-OUTLETS (NON-INTERLOCK TYPE)	Construction of fixed socket outlets	IS 15787 (Cl. 13)

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	102 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
1619	ELECTRICAL- WIRING ACCESSORIES	SWITCH-SOCKET-OUTLETS (NON-INTERLOCK TYPE)	Construction of plugs and portable socket outlets	IS 15787 (Cl. 14)
1620	ELECTRICAL- WIRING ACCESSORIES	SWITCH-SOCKET-OUTLETS (NON-INTERLOCK TYPE)	Creepage distance, clearances and distances through sealing compound	IS 15787 (Cl. 27)
1621	ELECTRICAL- WIRING ACCESSORIES	SWITCH-SOCKET-OUTLETS (NON-INTERLOCK TYPE)	Flexible cables and their connections	IS 15787 (Cl. 23)
1622	ELECTRICAL- WIRING ACCESSORIES	SWITCH-SOCKET-OUTLETS (NON-INTERLOCK TYPE)	Force necessary to withdrawl the plug	IS 15787
1623	ELECTRICAL- WIRING ACCESSORIES	SWITCH-SOCKET-OUTLETS (NON-INTERLOCK TYPE)	Force necessary to withdrawl the plug	IS 15787 (Cl. 22)
1624	ELECTRICAL- WIRING ACCESSORIES	SWITCH-SOCKET-OUTLETS (NON-INTERLOCK TYPE)	Interlock socket outlets	IS 15787
1625	ELECTRICAL- WIRING ACCESSORIES	SWITCH-SOCKET-OUTLETS (NON-INTERLOCK TYPE)	Interlock socket outlets	IS 15787 (Cl. 15)
1626	ELECTRICAL- WIRING ACCESSORIES	SWITCH-SOCKET-OUTLETS (NON-INTERLOCK TYPE)	Marking	IS 15787
1627	ELECTRICAL- WIRING ACCESSORIES	SWITCH-SOCKET-OUTLETS (NON-INTERLOCK TYPE)	Marking	IS 15787 (Cl. 8)
1628	ELECTRICAL- WIRING ACCESSORIES	SWITCH-SOCKET-OUTLETS (NON-INTERLOCK TYPE)	Mechanical strength	IS 15787 (Cl. 24)
1629	ELECTRICAL- WIRING ACCESSORIES	SWITCH-SOCKET-OUTLETS (NON-INTERLOCK TYPE)	Normal operation	IS 15787
1630	ELECTRICAL- WIRING ACCESSORIES	SWITCH-SOCKET-OUTLETS (NON-INTERLOCK TYPE)	Normal operation	IS 15787 (Cl. 21)
1631	ELECTRICAL- WIRING ACCESSORIES	SWITCH-SOCKET-OUTLETS (NON-INTERLOCK TYPE)	Operation of earthing contacts	IS 15787 (Cl. 18)
1632	ELECTRICAL- WIRING ACCESSORIES	SWITCH-SOCKET-OUTLETS (NON-INTERLOCK TYPE)	Protection against electric shock	IS 15787 (Cl. 10)
1633	ELECTRICAL- WIRING ACCESSORIES	SWITCH-SOCKET-OUTLETS (NON-INTERLOCK TYPE)	Ratings	IS 15787
1634	ELECTRICAL- WIRING ACCESSORIES	SWITCH-SOCKET-OUTLETS (NON-INTERLOCK TYPE)	Ratings	IS 15787 (Cl. 6)
1635	ELECTRICAL- WIRING ACCESSORIES	SWITCH-SOCKET-OUTLETS (NON-INTERLOCK TYPE)	Resistance of insulating material to abnormal heat, fire and tracking	IS 15787
1636	ELECTRICAL- WIRING ACCESSORIES	SWITCH-SOCKET-OUTLETS (NON-INTERLOCK TYPE)	Resistance of insulating material to abnormal heat, fire and tracking	IS 15787 (Cl. 28)

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	103 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
1637	ELECTRICAL- WIRING ACCESSORIES	SWITCH-SOCKET-OUTLETS (NON-INTERLOCK TYPE)	Resistance to ageing, to harmful ingress of water and to humidity	IS 15787 (Cl. 16)
1638	ELECTRICAL- WIRING ACCESSORIES	SWITCH-SOCKET-OUTLETS (NON-INTERLOCK TYPE)	Resistance to heat	IS 15787 (Cl. 25)
1639	ELECTRICAL- WIRING ACCESSORIES	SWITCH-SOCKET-OUTLETS (NON-INTERLOCK TYPE)	Resistance to rusting	IS 15787
1640	ELECTRICAL- WIRING ACCESSORIES	SWITCH-SOCKET-OUTLETS (NON-INTERLOCK TYPE)	Resistance to rusting	IS 15787 (Cl. 29)
1641	ELECTRICAL- WIRING ACCESSORIES	SWITCH-SOCKET-OUTLETS (NON-INTERLOCK TYPE)	Screw current carrying parts and connection	IS 15787
1642	ELECTRICAL- WIRING ACCESSORIES	SWITCH-SOCKET-OUTLETS (NON-INTERLOCK TYPE)	Screw current carrying parts and connection	IS 15787 (Cl. 26)
1643	ELECTRICAL- WIRING ACCESSORIES	SWITCH-SOCKET-OUTLETS (NON-INTERLOCK TYPE)	Temperature Rise	IS 15787
1644	ELECTRICAL- WIRING ACCESSORIES	SWITCH-SOCKET-OUTLETS (NON-INTERLOCK TYPE)	Temperature Rise	IS 15787 (Cl. 19)
1645	ELECTRICAL- WIRING ACCESSORIES	SWITCH-SOCKET-OUTLETS (NON-INTERLOCK TYPE)	Terminals	IS 15787
1646	ELECTRICAL- WIRING ACCESSORIES	SWITCH-SOCKET-OUTLETS (NON-INTERLOCK TYPE)	Terminals	IS 15787 (Cl. 12)
1647	ELECTRICAL- WIRING ACCESSORIES	SWITCH-SOCKET-OUTLETS (NON-INTERLOCK TYPE)	Classifications	IS 15787
1648	ELECTRICAL- WIRING ACCESSORIES	SWITCH-SOCKET-OUTLETS (NON-INTERLOCK TYPE)	Classifications	IS 15787 (Cl. 7)
1649	ELECTRICAL- WIRING ACCESSORIES	SWITCH-SOCKET-OUTLETS (NON-INTERLOCK TYPE)	Insulation resistance and electric strength	IS 15787
1650	ELECTRICAL- WIRING ACCESSORIES	SWITCH-SOCKET-OUTLETS (NON-INTERLOCK TYPE)	Insulation resistance and electric strength	IS 15787 (Cl. 17)
1651	ELECTRICAL- WIRING ACCESSORIES	SWITCH-SOCKET-OUTLETS (NON-INTERLOCK TYPE)	Provision for earthing	IS 15787 (Cl. 12)
1652	ELECTRICAL- WIRING ACCESSORIES	Switches for Domestic and Similar Purposes	Checking of Dimension	IS:3854
1653	ELECTRICAL- WIRING ACCESSORIES	Switches for Domestic and Similar Purposes	Checking of Dimension	IS:3854 (Cl. 19)
1654	ELECTRICAL- WIRING ACCESSORIES	Switches for Domestic and Similar Purposes	Constructional requirement	IS:3854

SCOPE OF ACCREDITATION

Laboratory Name : AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6104 **Page No** 104 of 120

Validity 10/08/2022 to 09/08/2024 **Last Amended on** 04/02/2023

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
1655	ELECTRICAL- WIRING ACCESSORIES	Switches for Domestic and Similar Purposes	Constructional requirement	IS:3854 (Cl. 13)
1656	ELECTRICAL- WIRING ACCESSORIES	Switches for Domestic and Similar Purposes	Making and breaking capacity	IS:3854
1657	ELECTRICAL- WIRING ACCESSORIES	Switches for Domestic and Similar Purposes	Making and breaking capacity	IS:3854 (Cl. 18)
1658	ELECTRICAL- WIRING ACCESSORIES	Switches for Domestic and Similar Purposes	Marking and visual Inspection	IS: 3854
1659	ELECTRICAL- WIRING ACCESSORIES	Switches for Domestic and Similar Purposes	Marking and visual Inspection	IS: 3854 (Cl. 8)
1660	ELECTRICAL- WIRING ACCESSORIES	Switches for Domestic and Similar Purposes	Mechanical strength	IS:3854 (Cl. 20)
1661	ELECTRICAL- WIRING ACCESSORIES	Switches for Domestic and Similar Purposes	Mechanism	IS:3854
1662	ELECTRICAL- WIRING ACCESSORIES	Switches for Domestic and Similar Purposes	Mechanism	IS:3854 (Cl. 14)
1663	ELECTRICAL- WIRING ACCESSORIES	Switches for Domestic and Similar Purposes	Normal operation	IS:3854 (Cl. 19)
1664	ELECTRICAL- WIRING ACCESSORIES	Switches for Domestic and Similar Purposes	Protection against Electric Shock	IS:3854 (Cl. 10)
1665	ELECTRICAL- WIRING ACCESSORIES	Switches for Domestic and Similar Purposes	Resistance of insulating material to abnormal heat, to fire and to tracking	IS:3854 (Cl. 24)
1666	ELECTRICAL- WIRING ACCESSORIES	Switches for Domestic and Similar Purposes	Resistance to ageing, to harmful ingress of water, and to humidity	IS:3854
1667	ELECTRICAL- WIRING ACCESSORIES	Switches for Domestic and Similar Purposes	Resistance to ageing, to harmful ingress of water, and to humidity	IS:3854 (Cl. 15)
1668	ELECTRICAL- WIRING ACCESSORIES	Switches for Domestic and Similar Purposes	Resistance to Heat	IS:3854 (Cl. 21)
1669	ELECTRICAL- WIRING ACCESSORIES	Switches for Domestic and Similar Purposes	Resistance to rusting	IS:3854
1670	ELECTRICAL- WIRING ACCESSORIES	Switches for Domestic and Similar Purposes	Resistance to rusting	IS:3854 (Cl. 25)
1671	ELECTRICAL- WIRING ACCESSORIES	Switches for Domestic and Similar Purposes	Screw current carrying parts and connection	IS:3854 (Cl. 22)
1672	ELECTRICAL- WIRING ACCESSORIES	Switches for Domestic and Similar Purposes	Temperature rise	IS:3854 (Cl. 17)

SCOPE OF ACCREDITATION

Laboratory Name : AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6104 **Page No** 105 of 120

Validity 10/08/2022 to 09/08/2024 **Last Amended on** 04/02/2023

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
1673	ELECTRICAL- WIRING ACCESSORIES	Switches for Domestic and Similar Purposes IS: 3854:1997	Terminal and screws	IS:3854 (Cl. 12)
1674	ELECTRICAL- WIRING ACCESSORIES	Switches for Domestic and Similar Purposes	Creepage distance and clearance	IS:3854
1675	ELECTRICAL- WIRING ACCESSORIES	Switches for Domestic and Similar Purposes	Creepage distance and clearance	IS:3854 (Cl. 23)
1676	ELECTRICAL- WIRING ACCESSORIES	Switches for Domestic and Similar Purposes	Insulation resistance and electric strength Test	IS:3854
1677	ELECTRICAL- WIRING ACCESSORIES	Switches for Domestic and Similar Purposes	Insulation resistance and electric strength Test	IS:3854 (Cl. 16)
1678	ELECTRICAL- WIRING ACCESSORIES	Switches for Domestic and Similar Purposes	Provision for Earthing	IS:3854
1679	ELECTRICAL- WIRING ACCESSORIES	Switches for Domestic and Similar Purposes	Provision for Earthing	IS:3854 (Cl. 11)
1680	ELECTRICAL- WIRING ACCESSORIES	Switches for Domestic and Similar Purposes	Classification (Cl.7)	IS: 3854
1681	ELECTRICAL- WIRING ACCESSORIES	Switches for Domestic and Similar Purposes	Ratings (Cl.6)	IS:3854
1682	ELECTRONICS- IT EQUIPMENT	Laptop, Notebook, Tablets, Servers, Set top box, Visual display units, Vide Video Monitor , Printer, Plotters, Telephone answering machines, Automatic Data processing machines, Power adapter, Cash Registers, Mobile Phones, Mail Processing Machines , Postage Machines, Franking Machines, Copying machines/ Duplicators, Smart Card Reader, Power Bank, Passport Reader, Automatic teler cash dispensing machines, Wireless Key boards Printers, Plotters, Industrial scanners, Point of sale terminal, Copying machines, Duplicators, CCTV Cameras/ CCTV Recorders, Keyboard, USB type external hard disk drive, Digital Camera, USB type External solid state storage devices,USB driven Barcode readers, Bar code scanners, Iris Scanners, Optical Finger Print scanners, Smart Watches, SMPS and other Information technology equipments	Abnormal operating and fault conditions/Cl.5.3	IEC 60950-1:2005+ A1:2009 + A2: 2013/ IS 13252 (Part 1):2010+A1:2013+A2: 2015: 2015

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	106 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
1683	ELECTRONICS- IT EQUIPMENT	Laptop, Notebook, Tablets, Servers, Set top box, Visual display units, Vide Video Monitor , Printer, Plotters, Telephone answering machines, Automatic Data processing machines, Power adapter, Cash Registers, Mobile Phones, Mail Processing Machines , Postage Machines, Franking Machines, Copying machines/ Duplicators, Smart Card Reader, Power Bank, Passport Reader, Automatic teler cash dispensing machines, Wireless Key boards Printers, Plotters, Industrial scanners, Point of sale terminal, Copying machines, Duplicators, CCTV Cameras/ CCTV Recorders, Keyboard, USB type external hard disk drive, Digital Camera, USB type External solid state storage devices,USB driven Barcode readers, Bar code scanners, Iris Scanners, Optical Finger Print scanners, Smart Watches, SMPS and other Information technology equipments	Batteries/Cl.4.3.8	IEC 60950-1:2005+ A1:2009 + A2: 2013/ IS 13252 (Part 1):2010+A1:2013+A2: 2015: 2015
1684	ELECTRONICS- IT EQUIPMENT	Laptop, Notebook, Tablets, Servers, Set top box, Visual display units, Vide Video Monitor , Printer, Plotters, Telephone answering machines, Automatic Data processing machines, Power adapter, Cash Registers, Mobile Phones, Mail Processing Machines , Postage Machines, Franking Machines, Copying machines/ Duplicators, Smart Card Reader, Power Bank, Passport Reader, Automatic teler cash dispensing machines, Wireless Key boards Printers, Plotters, Industrial scanners, Point of sale terminal, Copying machines, Duplicators, CCTV Cameras/ CCTV Recorders, Keyboard, USB type external hard disk drive, Digital Camera, USB type External solid state storage devices,USB driven Barcode readers, Bar code scanners, Iris Scanners, Optical Finger Print scanners, Smart Watches, SMPS and other Information technology equipments	Clearances, Creepage Distances And Distance Through Insulation/Cl.2.10 (Except 2.10.11)	IEC 60950-1:2005+ A1:2009 + A2: 2013/ IS 13252 (Part 1):2010+A1:2013+A2: 2015: 2015
1685	ELECTRONICS- IT EQUIPMENT	Laptop, Notebook, Tablets, Servers, Set top box, Visual display units, Vide Video Monitor , Printer, Plotters, Telephone answering machines, Automatic Data processing machines, Power adapter, Cash Registers, Mobile Phones, Mail Processing Machines , Postage Machines, Franking Machines, Copying machines/ Duplicators, Smart Card Reader, Power Bank, Passport Reader, Automatic teler cash dispensing machines, Wireless Key boards Printers, Plotters, Industrial scanners, Point of sale terminal, Copying machines, Duplicators, CCTV Cameras/ CCTV Recorders, Keyboard, USB type external hard disk drive, Digital Camera, USB type External solid state storage devices,USB driven Barcode readers, Bar code scanners, Iris Scanners, Optical Finger Print scanners, Smart Watches, SMPS and other Information technology equipments	Components - Qualitative Only Carried Out For Certi?ed Components/C.1.5	IEC 60950-1:2005+ A1:2009 + A2: 2013/ IS 13252 (Part 1):2010+A1:2013+A2: 2015

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	107 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
1686	ELECTRONICS- IT EQUIPMENT	Laptop, Notebook, Tablets, Servers, Set top box, Visual display units, Vide Video Monitor , Printer, Plotters, Telephone answering machines, Automatic Data processing machines, Power adapter, Cash Registers, Mobile Phones, Mail Processing Machines , Postage Machines, Franking Machines, Copying machines/ Duplicators, Smart Card Reader, Power Bank, Passport Reader, Automatic teler cash dispensing machines, Wireless Key boards Printers, Plotters, Industrial scanners, Point of sale terminal, Copying machines, Duplicators, CCTV Cameras/ CCTV Recorders, Keyboard, USB type external hard disk drive, Digital Camera, USB type External solid state storage devices,USB driven Barcode readers, Bar code scanners, Iris Scanners, Optical Finger Print scanners, Smart Watches, SMPS and other Information technology equipments	Connection by plugs and sockets/Cl.4.3.5	IEC 60950-1:2005+ A1:2009 + A2: 2013/ IS 13252 (Part 1):2010+A1:2013+A2: 2015: 2015
1687	ELECTRONICS- IT EQUIPMENT	Laptop, Notebook, Tablets, Servers, Set top box, Visual display units, Vide Video Monitor , Printer, Plotters, Telephone answering machines, Automatic Data processing machines, Power adapter, Cash Registers, Mobile Phones, Mail Processing Machines , Postage Machines, Franking Machines, Copying machines/ Duplicators, Smart Card Reader, Power Bank, Passport Reader, Automatic teler cash dispensing machines, Wireless Key boards Printers, Plotters, Industrial scanners, Point of sale terminal, Copying machines, Duplicators, CCTV Cameras/ CCTV Recorders, Keyboard, USB type external hard disk drive, Digital Camera, USB type External solid state storage devices,USB driven Barcode readers, Bar code scanners, Iris Scanners, Optical Finger Print scanners, Smart Watches, SMPS and other Information technology equipments	Connection to a mains supply/Cl.3.2	IEC 60950-1:2005+ A1:2009 + A2: 2013/ IS 13252 (Part 1):2010+A1:2013+A2: 2015: 2015
1688	ELECTRONICS- IT EQUIPMENT	Laptop, Notebook, Tablets, Servers, Set top box, Visual display units, Vide Video Monitor , Printer, Plotters, Telephone answering machines, Automatic Data processing machines, Power adapter, Cash Registers, Mobile Phones, Mail Processing Machines , Postage Machines, Franking Machines, Copying machines/ Duplicators, Smart Card Reader, Power Bank, Passport Reader, Automatic teler cash dispensing machines, Wireless Key boards Printers, Plotters, Industrial scanners, Point of sale terminal, Copying machines, Duplicators, CCTV Cameras/ CCTV Recorders, Keyboard, USB type external hard disk drive, Digital Camera, USB type External solid state storage devices,USB driven Barcode readers, Bar code scanners, Iris Scanners, Optical Finger Print scanners, Smart Watches, SMPS and other Information technology equipments	Connection to cable Distribution system/Cl.7.0	IEC 60950-1:2005+ A1:2009 + A2: 2013/ IS 13252 (Part 1):2010+A1:2013+A2: 2015: 2015

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	108 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
1689	ELECTRONICS- IT EQUIPMENT	Laptop, Notebook, Tablets, Servers, Set top box, Visual display units, Vide Video Monitor , Printer, Plotters, Telephone answering machines, Automatic Data processing machines, Power adapter, Cash Registers, Mobile Phones, Mail Processing Machines , Postage Machines, Franking Machines, Copying machines/ Duplicators, Smart Card Reader, Power Bank, Passport Reader, Automatic teler cash dispensing machines, Wireless Key boards Printers, Plotters, Industrial scanners, Point of sale terminal, Copying machines, Duplicators, CCTV Cameras/ CCTV Recorders, Keyboard, USB type external hard disk drive, Digital Camera, USB type External solid state storage devices,USB driven Barcode readers, Bar code scanners, Iris Scanners, Optical Finger Print scanners, Smart Watches, SMPS and other Information technology equipments	Connection to Telecommunication Network/Cl.6.0	IEC 60950-1:2005+ A1:2009 + A2: 2013/ IS 13252 (Part 1):2010+A1:2013+A2: 2015: 2015
1690	ELECTRONICS- IT EQUIPMENT	Laptop, Notebook, Tablets, Servers, Set top box, Visual display units, Vide Video Monitor , Printer, Plotters, Telephone answering machines, Automatic Data processing machines, Power adapter, Cash Registers, Mobile Phones, Mail Processing Machines , Postage Machines, Franking Machines, Copying machines/ Duplicators, Smart Card Reader, Power Bank, Passport Reader, Automatic teler cash dispensing machines, Wireless Key boards Printers, Plotters, Industrial scanners, Point of sale terminal, Copying machines, Duplicators, CCTV Cameras/ CCTV Recorders, Keyboard, USB type external hard disk drive, Digital Camera, USB type External solid state storage devices,USB driven Barcode readers, Bar code scanners, Iris Scanners, Optical Finger Print scanners, Smart Watches, SMPS and other Information technology equipments	Containers for liquid and gases/Cl.4.3.11	IEC 60950-1:2005+ A1:2009 + A2: 2013/ IS 13252 (Part 1):2010+A1:2013+A2: 2015: 2015
1691	ELECTRONICS- IT EQUIPMENT	Laptop, Notebook, Tablets, Servers, Set top box, Visual display units, Vide Video Monitor , Printer, Plotters, Telephone answering machines, Automatic Data processing machines, Power adapter, Cash Registers, Mobile Phones, Mail Processing Machines , Postage Machines, Franking Machines, Copying machines/ Duplicators, Smart Card Reader, Power Bank, Passport Reader, Automatic teler cash dispensing machines, Wireless Key boards Printers, Plotters, Industrial scanners, Point of sale terminal, Copying machines, Duplicators, CCTV Cameras/ CCTV Recorders, Keyboard, USB type external hard disk drive, Digital Camera, USB type External solid state storage devices,USB driven Barcode readers, Bar code scanners, Iris Scanners, Optical Finger Print scanners, Smart Watches, SMPS and other Information technology equipments	Disconnections from the mains supply/Cl.3.4	IEC 60950-1:2005+ A1:2009 + A2: 2013/ IS 13252 (Part 1):2010+A1:2013+A2: 2015: 2015

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	109 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
1692	ELECTRONICS- IT EQUIPMENT	Laptop, Notebook, Tablets, Servers, Set top box, Visual display units, Vide Video Monitor , Printer, Plotters, Telephone answering machines, Automatic Data processing machines, Power adapter, Cash Registers, Mobile Phones, Mail Processing Machines , Postage Machines, Franking Machines, Copying machines/ Duplicators, Smart Card Reader, Power Bank, Passport Reader, Automatic teler cash dispensing machines, Wireless Key boards Printers, Plotters, Industrial scanners, Point of sale terminal, Copying machines, Duplicators, CCTV Cameras/ CCTV Recorders, Keyboard, USB type external hard disk drive, Digital Camera, USB type External solid state storage devices,USB driven Barcode readers, Bar code scanners, Iris Scanners, Optical Finger Print scanners, Smart Watches, SMPS and other Information technology equipments	Drop/Cl.4.2.6	IEC 60950-1:2005+ A1:2009 + A2: 2013/ IS 13252 (Part 1):2010+A1:2013+A2: 2015: 2015
1693	ELECTRONICS- IT EQUIPMENT	Laptop, Notebook, Tablets, Servers, Set top box, Visual display units, Vide Video Monitor , Printer, Plotters, Telephone answering machines, Automatic Data processing machines, Power adapter, Cash Registers, Mobile Phones, Mail Processing Machines , Postage Machines, Franking Machines, Copying machines/ Duplicators, Smart Card Reader, Power Bank, Passport Reader, Automatic teler cash dispensing machines, Wireless Key boards Printers, Plotters, Industrial scanners, Point of sale terminal, Copying machines, Duplicators, CCTV Cameras/ CCTV Recorders, Keyboard, USB type external hard disk drive, Digital Camera, USB type External solid state storage devices,USB driven Barcode readers, Bar code scanners, Iris Scanners, Optical Finger Print scanners, Smart Watches, SMPS and other Information technology equipments	Edges and corners/Cl.4.3.1	IEC 60950-1:2005+ A1:2009 + A2: 2013/ IS 13252 (Part 1):2010+A1:2013+A2: 2015: 2015
1694	ELECTRONICS- IT EQUIPMENT	Laptop, Notebook, Tablets, Servers, Set top box, Visual display units, Vide Video Monitor , Printer, Plotters, Telephone answering machines, Automatic Data processing machines, Power adapter, Cash Registers, Mobile Phones, Mail Processing Machines , Postage Machines, Franking Machines, Copying machines/ Duplicators, Smart Card Reader, Power Bank, Passport Reader, Automatic teler cash dispensing machines, Wireless Key boards Printers, Plotters, Industrial scanners, Point of sale terminal, Copying machines, Duplicators, CCTV Cameras/ CCTV Recorders, Keyboard, USB type external hard disk drive, Digital Camera, USB type External solid state storage devices,USB driven Barcode readers, Bar code scanners, Iris Scanners, Optical Finger Print scanners, Smart Watches, SMPS and other Information technology equipments	Electric strength/Cl.5.2	IEC 60950-1:2005+ A1:2009 + A2: 2013/ IS 13252 (Part 1):2010+A1:2013+A2: 2015: 2015

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	110 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
1695	ELECTRONICS- IT EQUIPMENT	Laptop, Notebook, Tablets, Servers, Set top box, Visual display units, Vide Video Monitor , Printer, Plotters, Telephone answering machines, Automatic Data processing machines, Power adapter, Cash Registers, Mobile Phones, Mail Processing Machines , Postage Machines, Franking Machines, Copying machines/ Duplicators, Smart Card Reader, Power Bank, Passport Reader, Automatic teler cash dispensing machines, Wireless Key boards Printers, Plotters, Industrial scanners, Point of sale terminal, Copying machines, Duplicators, CCTV Cameras/ CCTV Recorders, Keyboard, USB type external hard disk drive, Digital Camera, USB type External solid state storage devices,USB driven Barcode readers, Bar code scanners, Iris Scanners, Optical Finger Print scanners, Smart Watches, SMPS and other Information technology equipments	Electrical insulation/Cl.2.9	IEC 60950-1:2005+ A1:2009 + A2: 2013/ IS 13252 (Part 1):2010+A1:2013+A2: 2015: 2015
1696	ELECTRONICS- IT EQUIPMENT	Laptop, Notebook, Tablets, Servers, Set top box, Visual display units, Vide Video Monitor , Printer, Plotters, Telephone answering machines, Automatic Data processing machines, Power adapter, Cash Registers, Mobile Phones, Mail Processing Machines , Postage Machines, Franking Machines, Copying machines/ Duplicators, Smart Card Reader, Power Bank, Passport Reader, Automatic teler cash dispensing machines, Wireless Key boards Printers, Plotters, Industrial scanners, Point of sale terminal, Copying machines, Duplicators, CCTV Cameras/ CCTV Recorders, Keyboard, USB type external hard disk drive, Digital Camera, USB type External solid state storage devices,USB driven Barcode readers, Bar code scanners, Iris Scanners, Optical Finger Print scanners, Smart Watches, SMPS and other Information technology equipments	General/Cl.3.1	IEC 60950-1:2005+ A1:2009 + A2: 2013/ IS 13252 (Part 1):2010+A1:2013+A2: 2015: 2015
1697	ELECTRONICS- IT EQUIPMENT	Laptop, Notebook, Tablets, Servers, Set top box, Visual display units, Vide Video Monitor , Printer, Plotters, Telephone answering machines, Automatic Data processing machines, Power adapter, Cash Registers, Mobile Phones, Mail Processing Machines , Postage Machines, Franking Machines, Copying machines/ Duplicators, Smart Card Reader, Power Bank, Passport Reader, Automatic teler cash dispensing machines, Wireless Key boards Printers, Plotters, Industrial scanners, Point of sale terminal, Copying machines, Duplicators, CCTV Cameras/ CCTV Recorders, Keyboard, USB type external hard disk drive, Digital Camera, USB type External solid state storage devices,USB driven Barcode readers, Bar code scanners, Iris Scanners, Optical Finger Print scanners, Smart Watches, SMPS and other Information technology equipments	General/Cl.4.2.1	IEC 60950-1:2005+ A1:2009 + A2: 2013/ IS 13252 (Part 1):2010+A1:2013+A2: 2015: 2015

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	111 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
1698	ELECTRONICS- IT EQUIPMENT	Laptop, Notebook, Tablets, Servers, Set top box, Visual display units, Vide Video Monitor , Printer, Plotters, Telephone answering machines, Automatic Data processing machines, Power adapter, Cash Registers, Mobile Phones, Mail Processing Machines , Postage Machines, Franking Machines, Copying machines/ Duplicators, Smart Card Reader, Power Bank, Passport Reader, Automatic teler cash dispensing machines, Wireless Key boards Printers, Plotters, Industrial scanners, Point of sale terminal, Copying machines, Duplicators, CCTV Cameras/ CCTV Recorders, Keyboard, USB type external hard disk drive, Digital Camera, USB type External solid state storage devices,USB driven Barcode readers, Bar code scanners, Iris Scanners, Optical Finger Print scanners, Smart Watches, SMPS and other Information technology equipments	Handles and manual controls/Cl.4.3.2	IEC 60950-1:2005+ A1:2009 + A2: 2013/ IS 13252 (Part 1):2010+A1:2013+A2: 2015: 2015
1699	ELECTRONICS- IT EQUIPMENT	Laptop, Notebook, Tablets, Servers, Set top box, Visual display units, Vide Video Monitor , Printer, Plotters, Telephone answering machines, Automatic Data processing machines, Power adapter, Cash Registers, Mobile Phones, Mail Processing Machines , Postage Machines, Franking Machines, Copying machines/ Duplicators, Smart Card Reader, Power Bank, Passport Reader, Automatic teler cash dispensing machines, Wireless Key boards Printers, Plotters, Industrial scanners, Point of sale terminal, Copying machines, Duplicators, CCTV Cameras/ CCTV Recorders, Keyboard, USB type external hard disk drive, Digital Camera, USB type External solid state storage devices,USB driven Barcode readers, Bar code scanners, Iris Scanners, Optical Finger Print scanners, Smart Watches, SMPS and other Information technology equipments	Heating Element in earthed equipment/Cl.4.3.7	IEC 60950-1:2005+ A1:2009 + A2: 2013/ IS 13252 (Part 1):2010+A1:2013+A2: 2015: 2015
1700	ELECTRONICS- IT EQUIPMENT	Laptop, Notebook, Tablets, Servers, Set top box, Visual display units, Vide Video Monitor , Printer, Plotters, Telephone answering machines, Automatic Data processing machines, Power adapter, Cash Registers, Mobile Phones, Mail Processing Machines , Postage Machines, Franking Machines, Copying machines/ Duplicators, Smart Card Reader, Power Bank, Passport Reader, Automatic teler cash dispensing machines, Wireless Key boards Printers, Plotters, Industrial scanners, Point of sale terminal, Copying machines, Duplicators, CCTV Cameras/ CCTV Recorders, Keyboard, USB type external hard disk drive, Digital Camera, USB type External solid state storage devices,USB driven Barcode readers, Bar code scanners, Iris Scanners, Optical Finger Print scanners, Smart Watches, SMPS and other Information technology equipments	Impact to Enlosure/Cl.4.2.5	IEC 60950-1:2005+ A1:2009 + A2: 2013/ IS 13252 (Part 1):2010+A1:2013+A2: 2015: 2015

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	112 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
1701	ELECTRONICS- IT EQUIPMENT	Laptop, Notebook, Tablets, Servers, Set top box, Visual display units, Vide Video Monitor , Printer, Plotters, Telephone answering machines, Automatic Data processing machines, Power adapter, Cash Registers, Mobile Phones, Mail Processing Machines , Postage Machines, Franking Machines, Copying machines/ Duplicators, Smart Card Reader, Power Bank, Passport Reader, Automatic teler cash dispensing machines, Wireless Key boards Printers, Plotters, Industrial scanners, Point of sale terminal, Copying machines, Duplicators, CCTV Cameras/ CCTV Recorders, Keyboard, USB type external hard disk drive, Digital Camera, USB type External solid state storage devices,USB driven Barcode readers, Bar code scanners, Iris Scanners, Optical Finger Print scanners, Smart Watches, SMPS and other Information technology equipments	Interconnection of Equipment/Cl.3.5	IEC 60950-1:2005+ A1:2009 + A2: 2013/ IS 13252 (Part 1):2010+A1:2013+A2: 2015: 2015
1702	ELECTRONICS- IT EQUIPMENT	Laptop, Notebook, Tablets, Servers, Set top box, Visual display units, Vide Video Monitor , Printer, Plotters, Telephone answering machines, Automatic Data processing machines, Power adapter, Cash Registers, Mobile Phones, Mail Processing Machines , Postage Machines, Franking Machines, Copying machines/ Duplicators, Smart Card Reader, Power Bank, Passport Reader, Automatic teler cash dispensing machines, Wireless Key boards Printers, Plotters, Industrial scanners, Point of sale terminal, Copying machines, Duplicators, CCTV Cameras/ CCTV Recorders, Keyboard, USB type external hard disk drive, Digital Camera, USB type External solid state storage devices,USB driven Barcode readers, Bar code scanners, Iris Scanners, Optical Finger Print scanners, Smart Watches, SMPS and other Information technology equipments	Limited Current Circuits/Cl.2.4	IEC 60950-1:2005+ A1:2009 + A2: 2013/ IS 13252 (Part 1):2010+A1:2013+A2: 2015: 2015
1703	ELECTRONICS- IT EQUIPMENT	Laptop, Notebook, Tablets, Servers, Set top box, Visual display units, Vide Video Monitor , Printer, Plotters, Telephone answering machines, Automatic Data processing machines, Power adapter, Cash Registers, Mobile Phones, Mail Processing Machines , Postage Machines, Franking Machines, Copying machines/ Duplicators, Smart Card Reader, Power Bank, Passport Reader, Automatic teler cash dispensing machines, Wireless Key boards Printers, Plotters, Industrial scanners, Point of sale terminal, Copying machines, Duplicators, CCTV Cameras/ CCTV Recorders, Keyboard, USB type external hard disk drive, Digital Camera, USB type External solid state storage devices,USB driven Barcode readers, Bar code scanners, Iris Scanners, Optical Finger Print scanners, Smart Watches, SMPS and other Information technology equipments	Limited Power Source/Cl.2.5	IEC 60950-1:2005+ A1:2009 + A2: 2013/ IS 13252 (Part 1):2010+A1:2013+A2: 2015: 2015

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	113 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
1704	ELECTRONICS- IT EQUIPMENT	Laptop, Notebook, Tablets, Servers, Set top box, Visual display units, Vide Video Monitor , Printer, Plotters, Telephone answering machines, Automatic Data processing machines, Power adapter, Cash Registers, Mobile Phones, Mail Processing Machines , Postage Machines, Franking Machines, Copying machines/ Duplicators, Smart Card Reader, Power Bank, Passport Reader, Automatic teler cash dispensing machines, Wireless Key boards Printers, Plotters, Industrial scanners, Point of sale terminal, Copying machines, Duplicators, CCTV Cameras/ CCTV Recorders, Keyboard, USB type external hard disk drive, Digital Camera, USB type External solid state storage devices,USB driven Barcode readers, Bar code scanners, Iris Scanners, Optical Finger Print scanners, Smart Watches, SMPS and other Information technology equipments	Mechanical Strength/Cl.4.2	IEC 60950-1:2005+ A1:2009 + A2: 2013/ IS 13252 (Part 1):2010+A1:2013+A2: 2015: 2015
1705	ELECTRONICS- IT EQUIPMENT	Laptop, Notebook, Tablets, Servers, Set top box, Visual display units, Vide Video Monitor , Printer, Plotters, Telephone answering machines, Automatic Data processing machines, Power adapter, Cash Registers, Mobile Phones, Mail Processing Machines , Postage Machines, Franking Machines, Copying machines/ Duplicators, Smart Card Reader, Power Bank, Passport Reader, Automatic teler cash dispensing machines, Wireless Key boards Printers, Plotters, Industrial scanners, Point of sale terminal, Copying machines, Duplicators, CCTV Cameras/ CCTV Recorders, Keyboard, USB type external hard disk drive, Digital Camera, USB type External solid state storage devices,USB driven Barcode readers, Bar code scanners, Iris Scanners, Optical Finger Print scanners, Smart Watches, SMPS and other Information technology equipments	Oil and grease/Cl.4.3.9	IEC 60950-1:2005+ A1:2009 + A2: 2013/ IS 13252 (Part 1):2010+A1:2013+A2: 2015: 2015
1706	ELECTRONICS- IT EQUIPMENT	Laptop, Notebook, Tablets, Servers, Set top box, Visual display units, Vide Video Monitor , Printer, Plotters, Telephone answering machines, Automatic Data processing machines, Power adapter, Cash Registers, Mobile Phones, Mail Processing Machines , Postage Machines, Franking Machines, Copying machines/ Duplicators, Smart Card Reader, Power Bank, Passport Reader, Automatic teler cash dispensing machines, Wireless Key boards Printers, Plotters, Industrial scanners, Point of sale terminal, Copying machines, Duplicators, CCTV Cameras/ CCTV Recorders, Keyboard, USB type external hard disk drive, Digital Camera, USB type External solid state storage devices,USB driven Barcode readers, Bar code scanners, Iris Scanners, Optical Finger Print scanners, Smart Watches, SMPS and other Information technology equipments	Opening in enclosure/Cl.4.6	IEC 60950-1:2005+ A1:2009 + A2: 2013/ IS 13252 (Part 1):2010+A1:2013+A2: 2015: 2015

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	114 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
1707	ELECTRONICS- IT EQUIPMENT	Laptop, Notebook, Tablets, Servers, Set top box, Visual display units, Vide Video Monitor , Printer, Plotters, Telephone answering machines, Automatic Data processing machines, Power adapter, Cash Registers, Mobile Phones, Mail Processing Machines , Postage Machines, Franking Machines, Copying machines/ Duplicators, Smart Card Reader, Power Bank, Passport Reader, Automatic teler cash dispensing machines, Wireless Key boards Printers, Plotters, Industrial scanners, Point of sale terminal, Copying machines, Duplicators, CCTV Cameras/ CCTV Recorders, Keyboard, USB type external hard disk drive, Digital Camera, USB type External solid state storage devices,USB driven Barcode readers, Bar code scanners, Iris Scanners, Optical Finger Print scanners, Smart Watches, SMPS and other Information technology equipments	Over current and earth fault protection in primary circuit/Cl.2.7	IEC 60950-1:2005+ A1:2009 + A2: 2013/ IS 13252 (Part 1):2010+A1:2013+A2: 2015: 2015
1708	ELECTRONICS- IT EQUIPMENT	Laptop, Notebook, Tablets, Servers, Set top box, Visual display units, Vide Video Monitor , Printer, Plotters, Telephone answering machines, Automatic Data processing machines, Power adapter, Cash Registers, Mobile Phones, Mail Processing Machines , Postage Machines, Franking Machines, Copying machines/ Duplicators, Smart Card Reader, Power Bank, Passport Reader, Automatic teler cash dispensing machines, Wireless Key boards Printers, Plotters, Industrial scanners, Point of sale terminal, Copying machines, Duplicators, CCTV Cameras/ CCTV Recorders, Keyboard, USB type external hard disk drive, Digital Camera, USB type External solid state storage devices,USB driven Barcode readers, Bar code scanners, Iris Scanners, Optical Finger Print scanners, Smart Watches, SMPS and other Information technology equipments	Power Interface/ Cl. 1.6	IEC 60950-1:2005+ A1:2009 + A2: 2013/ IS 13252 (Part 1):2010+A1:2013+A2: 2015: 2015
1709	ELECTRONICS- IT EQUIPMENT	Laptop, Notebook, Tablets, Servers, Set top box, Visual display units, Vide Video Monitor , Printer, Plotters, Telephone answering machines, Automatic Data processing machines, Power adapter, Cash Registers, Mobile Phones, Mail Processing Machines , Postage Machines, Franking Machines, Copying machines/ Duplicators, Smart Card Reader, Power Bank, Passport Reader, Automatic teler cash dispensing machines, Wireless Key boards Printers, Plotters, Industrial scanners, Point of sale terminal, Copying machines, Duplicators, CCTV Cameras/ CCTV Recorders, Keyboard, USB type external hard disk drive, Digital Camera, USB type External solid state storage devices,USB driven Barcode readers, Bar code scanners, Iris Scanners, Optical Finger Print scanners, Smart Watches, SMPS and other Information technology equipments	Protection against hazardous moving parts/Cl.4.4	IEC 60950-1:2005+ A1:2009 + A2: 2013/ IS 13252 (Part 1):2010+A1:2013+A2: 2015: 2015

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	115 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
1710	ELECTRONICS- IT EQUIPMENT	Laptop, Notebook, Tablets, Servers, Set top box, Visual display units, Vide Video Monitor , Printer, Plotters, Telephone answering machines, Automatic Data processing machines, Power adapter, Cash Registers, Mobile Phones, Mail Processing Machines , Postage Machines, Franking Machines, Copying machines/ Duplicators, Smart Card Reader, Power Bank, Passport Reader, Automatic teler cash dispensing machines, Wireless Key boards Printers, Plotters, Industrial scanners, Point of sale terminal, Copying machines, Duplicators, CCTV Cameras/ CCTV Recorders, Keyboard, USB type external hard disk drive, Digital Camera, USB type External solid state storage devices,USB driven Barcode readers, Bar code scanners, Iris Scanners, Optical Finger Print scanners, Smart Watches, SMPS and other Information technology equipments	Protection from electric shock and energy hazards/ Cl. 2.1	IEC 60950-1:2005+ A1:2009 + A2: 2013/ IS 13252 (Part 1):2010+A1:2013+A2: 2015: 2015: 2015
1711	ELECTRONICS- IT EQUIPMENT	Laptop, Notebook, Tablets, Servers, Set top box, Visual display units, Vide Video Monitor , Printer, Plotters, Telephone answering machines, Automatic Data processing machines, Power adapter, Cash Registers, Mobile Phones, Mail Processing Machines , Postage Machines, Franking Machines, Copying machines/ Duplicators, Smart Card Reader, Power Bank, Passport Reader, Automatic teler cash dispensing machines, Wireless Key boards Printers, Plotters, Industrial scanners, Point of sale terminal, Copying machines, Duplicators, CCTV Cameras/ CCTV Recorders, Keyboard, USB type external hard disk drive, Digital Camera, USB type External solid state storage devices,USB driven Barcode readers, Bar code scanners, Iris Scanners, Optical Finger Print scanners, Smart Watches, SMPS and other Information technology equipments	Provision for earthing and Bonding/Cl.2.6	IEC 60950-1:2005+ A1:2009 + A2: 2013/ IS 13252 (Part 1):2010+A1:2013+A2: 2015: 2015
1712	ELECTRONICS- IT EQUIPMENT	Laptop, Notebook, Tablets, Servers, Set top box, Visual display units, Vide Video Monitor , Printer, Plotters, Telephone answering machines, Automatic Data processing machines, Power adapter, Cash Registers, Mobile Phones, Mail Processing Machines , Postage Machines, Franking Machines, Copying machines/ Duplicators, Smart Card Reader, Power Bank, Passport Reader, Automatic teler cash dispensing machines, Wireless Key boards Printers, Plotters, Industrial scanners, Point of sale terminal, Copying machines, Duplicators, CCTV Cameras/ CCTV Recorders, Keyboard, USB type external hard disk drive, Digital Camera, USB type External solid state storage devices,USB driven Barcode readers, Bar code scanners, Iris Scanners, Optical Finger Print scanners, Smart Watches, SMPS and other Information technology equipments	Resistance to fire/Cl.4.7	IEC 60950-1:2005+ A1:2009 + A2: 2013/ IS 13252 (Part 1):2010+A1:2013+A2: 2015: 2015

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	116 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
1713	ELECTRONICS- IT EQUIPMENT	Laptop, Notebook, Tablets, Servers, Set top box, Visual display units, Vide Video Monitor , Printer, Plotters, Telephone answering machines, Automatic Data processing machines, Power adapter, Cash Registers, Mobile Phones, Mail Processing Machines , Postage Machines, Franking Machines, Copying machines/ Duplicators, Smart Card Reader, Power Bank, Passport Reader, Automatic teler cash dispensing machines, Wireless Key boards Printers, Plotters, Industrial scanners, Point of sale terminal, Copying machines, Duplicators, CCTV Cameras/ CCTV Recorders, Keyboard, USB type external hard disk drive, Digital Camera, USB type External solid state storage devices,USB driven Barcode readers, Bar code scanners, Iris Scanners, Optical Finger Print scanners, Smart Watches, SMPS and other Information technology equipments	Safety Interlocks/Cl.2.8	IEC 60950-1:2005+ A1:2009 + A2: 2013/ IS 13252 (Part 1):2010+A1:2013+A2: 2015: 2015
1714	ELECTRONICS- IT EQUIPMENT	Laptop, Notebook, Tablets, Servers, Set top box, Visual display units, Vide Video Monitor , Printer, Plotters, Telephone answering machines, Automatic Data processing machines, Power adapter, Cash Registers, Mobile Phones, Mail Processing Machines , Postage Machines, Franking Machines, Copying machines/ Duplicators, Smart Card Reader, Power Bank, Passport Reader, Automatic teler cash dispensing machines, Wireless Key boards Printers, Plotters, Industrial scanners, Point of sale terminal, Copying machines, Duplicators, CCTV Cameras/ CCTV Recorders, Keyboard, USB type external hard disk drive, Digital Camera, USB type External solid state storage devices,USB driven Barcode readers, Bar code scanners, Iris Scanners, Optical Finger Print scanners, Smart Watches, SMPS and other Information technology equipments	Securing o parts/Cl.4.3.4	IEC 60950-1:2005+ A1:2009 + A2: 2013/ IS 13252 (Part 1):2010+A1:2013+A2: 2015: 2015
1715	ELECTRONICS- IT EQUIPMENT	Laptop, Notebook, Tablets, Servers, Set top box, Visual display units, Vide Video Monitor , Printer, Plotters, Telephone answering machines, Automatic Data processing machines, Power adapter, Cash Registers, Mobile Phones, Mail Processing Machines , Postage Machines, Franking Machines, Copying machines/ Duplicators, Smart Card Reader, Power Bank, Passport Reader, Automatic teler cash dispensing machines, Wireless Key boards Printers, Plotters, Industrial scanners, Point of sale terminal, Copying machines, Duplicators, CCTV Cameras/ CCTV Recorders, Keyboard, USB type external hard disk drive, Digital Camera, USB type External solid state storage devices,USB driven Barcode readers, Bar code scanners, Iris Scanners, Optical Finger Print scanners, Smart Watches, SMPS and other Information technology equipments	SELV Circuit/ Cl. 2.2	IEC 60950-1:2005+ A1:2009 + A2: 2013/ IS 13252 (Part 1):2010+A1:2013+A2: 2015: 2015: 2015

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	117 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
1716	ELECTRONICS- IT EQUIPMENT	Laptop, Notebook, Tablets, Servers, Set top box, Visual display units, Vide Video Monitor , Printer, Plotters, Telephone answering machines, Automatic Data processing machines, Power adapter, Cash Registers, Mobile Phones, Mail Processing Machines , Postage Machines, Franking Machines, Copying machines/ Duplicators, Smart Card Reader, Power Bank, Passport Reader, Automatic teler cash dispensing machines, Wireless Key boards Printers, Plotters, Industrial scanners, Point of sale terminal, Copying machines, Duplicators, CCTV Cameras/ CCTV Recorders, Keyboard, USB type external hard disk drive, Digital Camera, USB type External solid state storage devices,USB driven Barcode readers, Bar code scanners, Iris Scanners, Optical Finger Print scanners, Smart Watches, SMPS and other Information technology equipments	Stability/Cl.4.1	IEC 60950-1:2005+ A1:2009 + A2: 2013/ IS 13252 (Part 1):2010+A1:2013+A2: 2015: 2015
1717	ELECTRONICS- IT EQUIPMENT	Laptop, Notebook, Tablets, Servers, Set top box, Visual display units, Vide Video Monitor , Printer, Plotters, Telephone answering machines, Automatic Data processing machines, Power adapter, Cash Registers, Mobile Phones, Mail Processing Machines , Postage Machines, Franking Machines, Copying machines/ Duplicators, Smart Card Reader, Power Bank, Passport Reader, Automatic teler cash dispensing machines, Wireless Key boards Printers, Plotters, Industrial scanners, Point of sale terminal, Copying machines, Duplicators, CCTV Cameras/ CCTV Recorders, Keyboard, USB type external hard disk drive, Digital Camera, USB type External solid state storage devices,USB driven Barcode readers, Bar code scanners, Iris Scanners, Optical Finger Print scanners, Smart Watches, SMPS and other Information technology equipments	Steady Force 10 N/Cl.4.2.2	IEC 60950-1:2005+ A1:2009 + A2: 2013/ IS 13252 (Part 1):2010+A1:2013+A2: 2015: 2015
1718	ELECTRONICS- IT EQUIPMENT	Laptop, Notebook, Tablets, Servers, Set top box, Visual display units, Vide Video Monitor , Printer, Plotters, Telephone answering machines, Automatic Data processing machines, Power adapter, Cash Registers, Mobile Phones, Mail Processing Machines , Postage Machines, Franking Machines, Copying machines/ Duplicators, Smart Card Reader, Power Bank, Passport Reader, Automatic teler cash dispensing machines, Wireless Key boards Printers, Plotters, Industrial scanners, Point of sale terminal, Copying machines, Duplicators, CCTV Cameras/ CCTV Recorders, Keyboard, USB type external hard disk drive, Digital Camera, USB type External solid state storage devices,USB driven Barcode readers, Bar code scanners, Iris Scanners, Optical Finger Print scanners, Smart Watches, SMPS and other Information technology equipments	Steady Force 250 N/Cl.4.2.4	IEC 60950-1:2005+ A1:2009 + A2: 2013/ IS 13252 (Part 1):2010+A1:2013+A2: 2015: 2015

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	118 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
1719	ELECTRONICS- IT EQUIPMENT	Laptop, Notebook, Tablets, Servers, Set top box, Visual display units, Vide Video Monitor , Printer, Plotters, Telephone answering machines, Automatic Data processing machines, Power adapter, Cash Registers, Mobile Phones, Mail Processing Machines , Postage Machines, Franking Machines, Copying machines/ Duplicators, Smart Card Reader, Power Bank, Passport Reader, Automatic teler cash dispensing machines, Wireless Key boards Printers, Plotters, Industrial scanners, Point of sale terminal, Copying machines, Duplicators, CCTV Cameras/ CCTV Recorders, Keyboard, USB type external hard disk drive, Digital Camera, USB type External solid state storage devices,USB driven Barcode readers, Bar code scanners, Iris Scanners, Optical Finger Print scanners, Smart Watches, SMPS and other Information technology equipments	Steady Force 30 N/Cl.4.2.3	IEC 60950-1:2005+ A1:2009 + A2: 2013/ IS 13252 (Part 1):2010+A1:2013+A2: 2015: 2015
1720	ELECTRONICS- IT EQUIPMENT	Laptop, Notebook, Tablets, Servers, Set top box, Visual display units, Vide Video Monitor , Printer, Plotters, Telephone answering machines, Automatic Data processing machines, Power adapter, Cash Registers, Mobile Phones, Mail Processing Machines , Postage Machines, Franking Machines, Copying machines/ Duplicators, Smart Card Reader, Power Bank, Passport Reader, Automatic teler cash dispensing machines, Wireless Key boards Printers, Plotters, Industrial scanners, Point of sale terminal, Copying machines, Duplicators, CCTV Cameras/ CCTV Recorders, Keyboard, USB type external hard disk drive, Digital Camera, USB type External solid state storage devices,USB driven Barcode readers, Bar code scanners, Iris Scanners, Optical Finger Print scanners, Smart Watches, SMPS and other Information technology equipments	Stess relief/Cl.4.2.7	IEC 60950-1:2005+ A1:2009 + A2: 2013/ IS 13252 (Part 1):2010+A1:2013+A2: 2015: 2015
1721	ELECTRONICS- IT EQUIPMENT	Laptop, Notebook, Tablets, Servers, Set top box, Visual display units, Vide Video Monitor , Printer, Plotters, Telephone answering machines, Automatic Data processing machines, Power adapter, Cash Registers, Mobile Phones, Mail Processing Machines , Postage Machines, Franking Machines, Copying machines/ Duplicators, Smart Card Reader, Power Bank, Passport Reader, Automatic teler cash dispensing machines, Wireless Key boards Printers, Plotters, Industrial scanners, Point of sale terminal, Copying machines, Duplicators, CCTV Cameras/ CCTV Recorders, Keyboard, USB type external hard disk drive, Digital Camera, USB type External solid state storage devices,USB driven Barcode readers, Bar code scanners, Iris Scanners, Optical Finger Print scanners, Smart Watches, SMPS and other Information technology equipments	Thermal Requirements/Cl.4.5	IEC 60950-1:2005+ A1:2009 + A2: 2013/ IS 13252 (Part 1):2010+A1:2013+A2: 2015: 2015

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	119 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
1722	ELECTRONICS- IT EQUIPMENT	Laptop, Notebook, Tablets, Servers, Set top box, Visual display units, Vide Video Monitor , Printer, Plotters, Telephone answering machines, Automatic Data processing machines, Power adapter, Cash Registers, Mobile Phones, Mail Processing Machines , Postage Machines, Franking Machines, Copying machines/ Duplicators, Smart Card Reader, Power Bank, Passport Reader, Automatic teler cash dispensing machines, Wireless Key boards Printers, Plotters, Industrial scanners, Point of sale terminal, Copying machines, Duplicators, CCTV Cameras/ CCTV Recorders, Keyboard, USB type external hard disk drive, Digital Camera, USB type External solid state storage devices,USB driven Barcode readers, Bar code scanners, Iris Scanners, Optical Finger Print scanners, Smart Watches, SMPS and other Information technology equipments	TNV Circuits/Cl.2.3 (Except 2.3.5)	IEC 60950-1:2005+ A1:2009 + A2: 2013/ IS 13252 (Part 1):2010+A1:2013+A2: 2015: 2015
1723	ELECTRONICS- IT EQUIPMENT	Laptop, Notebook, Tablets, Servers, Set top box, Visual display units, Vide Video Monitor , Printer, Plotters, Telephone answering machines, Automatic Data processing machines, Power adapter, Cash Registers, Mobile Phones, Mail Processing Machines , Postage Machines, Franking Machines, Copying machines/ Duplicators, Smart Card Reader, Power Bank, Passport Reader, Automatic teler cash dispensing machines, Wireless Key boards Printers, Plotters, Industrial scanners, Point of sale terminal, Copying machines, Duplicators, CCTV Cameras/ CCTV Recorders, Keyboard, USB type external hard disk drive, Digital Camera, USB type External solid state storage devices,USB driven Barcode readers, Bar code scanners, Iris Scanners, Optical Finger Print scanners, Smart Watches, SMPS and other Information technology equipments	Touch current and Protective conductor current/Cl.5.1	IEC 60950-1:2005+ A1:2009 + A2: 2013/ IS 13252 (Part 1):2010+A1:2013+A2: 2015: 2015
1724	ELECTRONICS- IT EQUIPMENT	Laptop, Notebook, Tablets, Servers, Set top box, Visual display units, Vide Video Monitor , Printer, Plotters, Telephone answering machines, Automatic Data processing machines, Power adapter, Cash Registers, Mobile Phones, Mail Processing Machines , Postage Machines, Franking Machines, Copying machines/ Duplicators, Smart Card Reader, Power Bank, Passport Reader, Automatic teler cash dispensing machines, Wireless Key boards Printers, Plotters, Industrial scanners, Point of sale terminal, Copying machines, Duplicators, CCTV Cameras/ CCTV Recorders, Keyboard, USB type external hard disk drive, Digital Camera, USB type External solid state storage devices,USB driven Barcode readers, Bar code scanners, Iris Scanners, Optical Finger Print scanners, Smart Watches, SMPS and other Information technology equipments	Verification of marking and Instructions/ Cl.1.7	IEC 60950-1:2005+ A1:2009 + A2: 2013/ IS 13252 (Part 1):2010+A1:2013+A2: 2015: 2015: 2015

National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	AKSHAT TEST LAB & CALIBRATION SERVICES, A-2/49, G.D. STEEL COMPOUND, SITE-4, INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6104	**Page No**	120 of 120
Validity	10/08/2022 to 09/08/2024	**Last Amended on**	04/02/2023

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
1725	ELECTRONICS- IT EQUIPMENT	Laptop, Notebook, Tablets, Servers, Set top box, Visual display units, Vide Video Monitor , Printer, Plotters, Telephone answering machines, Automatic Data processing machines, Power adapter, Cash Registers, Mobile Phones, Mail Processing Machines , Postage Machines, Franking Machines, Copying machines/ Duplicators, Smart Card Reader, Power Bank, Passport Reader, Automatic teler cash dispensing machines, Wireless Key boards Printers, Plotters, Industrial scanners, Point of sale terminal, Copying machines, Duplicators, CCTV Cameras/ CCTV Recorders, Keyboard, USB type external hard disk drive, Digital Camera, USB type External solid state storage devices,USB driven Barcode readers, Bar code scanners, Iris Scanners, Optical Finger Print scanners, Smart Watches, SMPS and other Information technology equipments	Wall or Ceiling Mounted Equipment/Cl.4.2.10	IEC 60950-1:2005+ A1:2009 + A2: 2013/ IS 13252 (Part 1):2010+A1:2013+A2: 2015: 2015
1726	ELECTRONICS- IT EQUIPMENT	Laptop, Notebook, Tablets, Servers, Set top box, Visual display units, Vide Video Monitor , Printer, Plotters, Telephone answering machines, Automatic Data processing machines, Power adapter, Cash Registers, Mobile Phones, Mail Processing Machines , Postage Machines, Franking Machines, Copying machines/ Duplicators, Smart Card Reader, Power Bank, Passport Reader, Automatic teler cash dispensing machines, Wireless Key boards Printers, Plotters, Industrial scanners, Point of sale terminal, Copying machines, Duplicators, CCTV Cameras/ CCTV Recorders, Keyboard, USB type external hard disk drive, Digital Camera, USB type External solid state storage devices,USB driven Barcode readers, Bar code scanners, Iris Scanners, Optical Finger Print scanners, Smart Watches, SMPS and other Information technology equipments	Wiring Terminals for External Conductors/Cl.3.3	IEC 60950-1:2005+ A1:2009 + A2: 2013/ IS 13252 (Part 1):2010+A1:2013+A2: 2015: 2015