National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ADS LABTECH, 39/2/10A, SAHIBABAD INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5552 **Page No** 1 of 22

Validity 12/05/2022 to 11/05/2024 **Last Amended on** 16/06/2022

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	CHEMICAL- BUILDING MATERIAL	Admixture	Ash Content	IS 9103
2	CHEMICAL- BUILDING MATERIAL	Admixture	Chloride Content	IS 6925
3	CHEMICAL- BUILDING MATERIAL	Admixture	Dry Material Content	IS 9103
4	CHEMICAL- BUILDING MATERIAL	Admixture	pH	IS 9103
5	CHEMICAL- BUILDING MATERIAL	Admixture	Relative Density	IS 9103
6	CHEMICAL- BUILDING MATERIAL	Aggregate	Alkali Aggregate Reactivity (dissolved silica) - Gravimetric Method	IS 2386 (Part 7, Clause 3.7)
7	CHEMICAL- BUILDING MATERIAL	Aggregate	Alkali Aggregate Reactivity (Reduction in alkalinity)	IS 2386 (Part 7, clause 3.9)
8	CHEMICAL- BUILDING MATERIAL	Cement (OPC)	Calcium oxide (CaO)	IS 4032
9	CHEMICAL- BUILDING MATERIAL	Cement (OPC)	Magnesium oxide (MgO)	IS 4032
10	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC)	Chloride	IS 4032
11	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC)	Combined Alumina oxide and iron oxide	IS 4032 (Clause 4.4)
12	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC)	Sulpuric Anhydride (SO3)	IS 4032
13	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC)	Silica Content (As SiO2)	IS 4032
14	CHEMICAL- BUILDING MATERIAL	Cement (OPC/PPC)	Insoluble Residue	IS 4032
15	CHEMICAL- BUILDING MATERIAL	Cement (OPC/PPC)	Total Alkalies as Na2O	IS 4032
16	CHEMICAL- BUILDING MATERIAL	Cement OPC	Ferric oxide (Fe2O3) - EDTA	IS 4032 (Clause 4.5.2)
17	CHEMICAL- BUILDING MATERIAL	Cement OPC	Loss on Ignition	IS 4032
18	CHEMICAL- BUILDING MATERIAL	Cement PPC	Calcium oxide (CaO) - EDTA	IS 4032 (Clause 4.7.2)

SCOPE OF ACCREDITATION

Laboratory Name : ADS LABTECH, 39/2/10A, SAHIBABAD INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5552 **Page No** 2 of 22

Validity 12/05/2022 to 11/05/2024 **Last Amended on** 16/06/2022

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	CHEMICAL- BUILDING MATERIAL	Cement PPC	Magnesia (MgO) - EDTA	IS 4032 (Clause 4.8.2)
20	CHEMICAL- BUILDING MATERIAL	Fly ash	Calcium oxide (CaO)	IS 1727
21	CHEMICAL- BUILDING MATERIAL	Fly ash	Combined Alumina oxide and iron oxide	IS 1727
22	CHEMICAL- BUILDING MATERIAL	Fly ash	Iron(III) oxide (Fe2O3)	IS 1727
23	CHEMICAL- BUILDING MATERIAL	Fly ash	Loss on Ignition	IS 1727
24	CHEMICAL- BUILDING MATERIAL	Fly ash	Magnesia (MgO)	IS 1727
25	CHEMICAL- BUILDING MATERIAL	Fly ash	Reactive SiO2	IS 1727
26	CHEMICAL- BUILDING MATERIAL	Fly ash	Silica content (SiO2)	IS 1727
27	CHEMICAL- BUILDING MATERIAL	Fly ash	Sulphuric Anhydride (SO3)	IS 1727
28	CHEMICAL- BUILDING MATERIAL	Fly ash	Total Chloride	IS 4032
29	CHEMICAL- BUILDING MATERIAL	Hydrated Lime (Building Lime)	Magnesium oxide - MgO (Ignited Basis)	IS 6932 (Part 1)
30	CHEMICAL- BUILDING MATERIAL	Hydrated Lime (Building Lime)	Calcium oxide (on ignited basis)	IS 6932 (Part 1)
31	CHEMICAL- BUILDING MATERIAL	Hydrated Lime (Building Lime)	Insoluble Insoluble residue (IR)	IS 6932 (Part 1)
32	CHEMICAL- BUILDING MATERIAL	Hydrated Lime (Building Lime)	SiO2 (On ignited basis)	IS 6932 (Part 1)
33	CHEMICAL- BUILDING MATERIAL	PPC	Iron(III) oxide (Fe2O3)	IS 4032
34	CHEMICAL- BUILDING MATERIAL	PPC cement	Loss on Ignition	IS 4032
35	CHEMICAL- METALS & ALLOYS	Galvanised Sheet	Mass of Zinc Coating	IS 6745
36	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel	Carbon	IS 228 (Part 1)
37	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel / Low Alloy Steel	Manganese	IS 228 (Part 2)

SCOPE OF ACCREDITATION

Laboratory Name : ADS LABTECH, 39/2/10A, SAHIBABAD INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5552 **Page No** 3 of 22

Validity 12/05/2022 to 11/05/2024 **Last Amended on** 16/06/2022

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
38	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel / Low Alloy Steel, Stainless Steel	Phosphorous	IS 228 (Part 3)
39	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel / Low Alloy Steel, Stainless Steel	Silicon	IS 228 (Part 8)
40	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel / Low Alloy Steel, Stainless Steel	Sulphur	IS 228 (Part 9)
41	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	IS 228 (Part 6)
42	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	IS 228 (Part 15)
43	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	IS 228 (Part 7)
44	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	IS 228 (Part 5)
45	CHEMICAL- PLASTIC & RESINS	Polythene Moulding Materials & its compound	Carbon Black Content	IS 2530
46	CHEMICAL- WATER	Construction Water	Chloride content	IS 3025
47	CHEMICAL- WATER	Construction Water	Inorganic Solids	IS 3025
48	CHEMICAL- WATER	Construction Water	Organic Solids	IS 3025
49	CHEMICAL- WATER	Construction Water	pH	IS 3025 (Part 11)
50	CHEMICAL- WATER	Construction Water	Sulphate content	IS 3025
51	CHEMICAL- WATER	Construction Water	Total suspended solids (Suspended Matter)	IS 3025
52	CHEMICAL- WATER	Construction Water	Volume of 0.02 Normal H_2SO_4 required to Neutralize 100 ml of sample (Alkalinity)	IS 3025 (Part 23)
53	CHEMICAL- WATER	Construction Water	Volume of 0.02 Normal NaOH required to Neutralize 100 ml of sample (Acidity)	IS 3025 (Part 22)
54	ELECTRICAL- CABLES & WIRES	Aluminium Conductor Galvanised steel Reinforced for Overhead Transmission Purposes	Breaking load test of individual wire	IS:398 (Pt-1)
55	ELECTRICAL- CABLES & WIRES	H.R PVC Insulated Winding Wires for Submersible Motors (Test on Insulation and Jacket Material)	Heat shock Test	IS: 10810 (Pt- 14):
56	ELECTRICAL- CABLES & WIRES	Welding Cable(Test on Conductor)	Diameter of wire	IS: 8130
57	ELECTRICAL- CABLES & WIRES	Aerial Bunched Cables for working Voltage up to and Including 1100 Volts (Physical Test on XLPE insulation)	Test on Complete Cable Bending Test	IS: 14255

SCOPE OF ACCREDITATION

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Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5552	**Page No**	4 of 22
Validity	12/05/2022 to 11/05/2024	**Last Amended on**	16/06/2022

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
58	ELECTRICAL- CABLES & WIRES	Aerial Bunched Cables for working Voltage up to and Including 1100 Volts (Physical Test on XLPE insulation)	a) Tensile Strength after ageing in air oven	IS: 10810 (Pt 11)-
59	ELECTRICAL- CABLES & WIRES	Aerial Bunched Cables for working Voltage up to and Including 1100 Volts (Physical Test on XLPE insulation)	b) Elongation after ageing in air oven	IS: 10810 (Pt 11)
60	ELECTRICAL- CABLES & WIRES	Aerial Bunched Cables for working Voltage up to and Including 1100 Volts (Physical Test on XLPE insulation)	Elongation test at break	IS: 10810 (Pt 7-
61	ELECTRICAL- CABLES & WIRES	Aerial Bunched Cables for working Voltage up to and Including 1100 Volts (Physical Test on XLPE insulation)	High voltage test	IS: 10810 (Pt 45)
62	ELECTRICAL- CABLES & WIRES	Aerial Bunched Cables for working Voltage up to and Including 1100 Volts (Physical Test on XLPE insulation)	Hot set test	IS: 10810 (Pt 30)
63	ELECTRICAL- CABLES & WIRES	Aerial Bunched Cables for working Voltage up to and Including 1100 Volts (Physical Test on XLPE insulation)	Shrinkage test	IS: 10810 (Pt 12)
64	ELECTRICAL- CABLES & WIRES	Aerial Bunched Cables for working Voltage up to and Including 1100 Volts (Physical Test on XLPE insulation)	Tensile strength at break	IS: 10810 (Pt 7)
65	ELECTRICAL- CABLES & WIRES	Aerial Bunched Cables for working Voltage up to and Including 1100 Volts (Physical Test on XLPE insulation)	Test for thickness	IS: 10810 (Pt 6)
66	ELECTRICAL- CABLES & WIRES	Aerial Bunched Cables for working Voltage up to and Including 1100 Volts (Physical Test on XLPE insulation)	Volume resistivity	IS: 10810 (Pt 43)
67	ELECTRICAL- CABLES & WIRES	Aerial Bunched Cables for working Voltage up to and Including 1100 Volts (Physical Test on XLPE insulation)	Water absorption	IS: 10810 (Pt 33)-
68	ELECTRICAL- CABLES & WIRES	Aerial Bunched Cables for working Voltage up to and Including 1100 Volts (Test on messenger conductor)	Breaking load tests	IS: 10810 (Pt- 2)
69	ELECTRICAL- CABLES & WIRES	Aerial Bunched Cables for working Voltage up to and Including 1100 Volts (Test on messenger conductor)	Elongation test	IS :10810 (Pt 7)
70	ELECTRICAL- CABLES & WIRES	Aerial Bunched Cables for working Voltage up to and Including 1100 Volts (Test on messenger conductor)	Wrapping test on alumminum conductor	IS: 10810 (Pt 3)
71	ELECTRICAL- CABLES & WIRES	Aerial Bunched Cables for working Voltage up to and Including 1100 Volts (Test on Conductor)	Conductor resistance test	IS: 10810 (Pt 5)
72	ELECTRICAL- CABLES & WIRES	Aerial Bunched Cables for working Voltage up to and Including 1100 Volts (Test on Conductor)	Tensile test on alumminum conductor	IS: 10810 (Pt 2)-
73	ELECTRICAL- CABLES & WIRES	Aluminium Conductor Galvanised steel Reinforced for Overhead Transmission Purposes	Breaking load test of steel wire	IS:398 (Pt-1)
74	ELECTRICAL- CABLES & WIRES	Aluminium Conductor Galvanised steel Reinforced for Overhead Transmission Purposes	Conductor resistance test	IS:398 (Pt-1)
75	ELECTRICAL- CABLES & WIRES	Aluminium Conductor Galvanised steel Reinforced for Overhead Transmission Purposes	Diameter of individual wire	IS:398 (Pt-1)
76	ELECTRICAL- CABLES & WIRES	Aluminium Conductor Galvanised steel Reinforced for Overhead Transmission Purposes	Ductility Test (Elongation Test)	IS:398 (Pt-2)

SCOPE OF ACCREDITATION

Laboratory Name : ADS LABTECH, 39/2/10A, SAHIBABAD INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5552 **Page No** 5 of 22

Validity 12/05/2022 to 11/05/2024 **Last Amended on** 16/06/2022

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
77	ELECTRICAL- CABLES & WIRES	Aluminium Conductor Galvanised steel Reinforced for Overhead Transmission Purposes	Measurement lay ratio	IS:398 (Pt-1)
78	ELECTRICAL- CABLES & WIRES	Aluminium Conductor Galvanised steel Reinforced for Overhead Transmission Purposes	Weight of zinc coating	IS:398 (Pt-1)
79	ELECTRICAL- CABLES & WIRES	Aluminium Conductor Galvanised steel Reinforced for Overhead Transmission Purposes	Wrapping Test	IS:398 (Pt-1)
80	ELECTRICAL- CABLES & WIRES	Aluminum alloys stranded alloy Conductor for Overhead Transmission Purposes	Breaking load test	IS:398(Pt-4)
81	ELECTRICAL- CABLES & WIRES	Aluminum alloys stranded alloy Conductor for Overhead Transmission Purposes	Conductor Resistance Test	IS:398(Pt-4)
82	ELECTRICAL- CABLES & WIRES	Aluminum alloys stranded alloy Conductor for Overhead Transmission Purposes	Diameter of wire	IS:398(Pt-4)
83	ELECTRICAL- CABLES & WIRES	Aluminum alloys stranded alloy Conductor for Overhead Transmission Purposes	Elongation test	IS:398(Pt-4)
84	ELECTRICAL- CABLES & WIRES	Aluminum alloys stranded alloy Conductor for Overhead Transmission Purposes	Measurement of Lay Ratio	IS:398(Pt-4)
85	ELECTRICAL- CABLES & WIRES	Aluminum stranded Conductor for Overhead Transmission Purposes	Breaking Load Test	IS:398 (Pt-1):
86	ELECTRICAL- CABLES & WIRES	Aluminum stranded Conductor for Overhead Transmission Purposes	Conductor resistance test	IS:398 (Pt-1)
87	ELECTRICAL- CABLES & WIRES	Aluminum stranded Conductor for Overhead Transmission Purposes	Measurement of Diameters of Wires	IS:398 (Pt-1)
88	ELECTRICAL- CABLES & WIRES	Aluminum stranded Conductor for Overhead Transmission Purposes	Measurement of lay ratio	IS:398 (Pt-1)
89	ELECTRICAL- CABLES & WIRES	Aluminum stranded Conductor for Overhead Transmission Purposes	Wrapping test for aluminium wire	IS:398 (Pt-1)
90	ELECTRICAL- CABLES & WIRES	Cross-Linked Polyethylene (XLPE) Insulated Thermoplastic Sheathed Cables for Working Voltages up to and including 1100 Volts	Ageing in air oven (elongation)	IS 10810 (Pt 11)
91	ELECTRICAL- CABLES & WIRES	Cross-Linked Polyethylene (XLPE) Insulated Thermoplastic Sheathed Cables for Working Voltages up to and including 1100 Volts	Annealing test (Copper Conductor Only	IS 10810 (Pt 1)
92	ELECTRICAL- CABLES & WIRES	Cross-Linked Polyethylene (XLPE) Insulated Thermoplastic Sheathed Cables for Working Voltages up to and including 1100 Volts	Cold bend test	IS 10810 (Part 20)
93	ELECTRICAL- CABLES & WIRES	Cross-Linked Polyethylene (XLPE) Insulated Thermoplastic Sheathed Cables for Working Voltages up to and including 1100 Volts	Cold impact test	IS 10810 (Pt 21)

SCOPE OF ACCREDITATION

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5552 **Page No** 6 of 22

Validity 12/05/2022 to 11/05/2024 **Last Amended on** 16/06/2022

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
94	ELECTRICAL- CABLES & WIRES	Cross-Linked Polyethylene (XLPE) Insulated Thermoplastic Sheathed Cables for Working Voltages up to and including 1100 Volts	Conductor Resistance	IS 10810 (Pt 5)
95	ELECTRICAL- CABLES & WIRES	Cross-Linked Polyethylene (XLPE) Insulated Thermoplastic Sheathed Cables for Working Voltages up to and including 1100 Volts	Dimension for Armouring Material	IS 10810 (Pt 36)
96	ELECTRICAL- CABLES & WIRES	Cross-Linked Polyethylene (XLPE) Insulated Thermoplastic Sheathed Cables for Working Voltages up to and including 1100 Volts	Elongation on sheath	IS 10810 (Pt 7)
97	ELECTRICAL- CABLES & WIRES	Cross-Linked Polyethylene (XLPE) Insulated Thermoplastic Sheathed Cables for Working Voltages up to and including 1100 Volts	Elongation test armouring	IS: 10810 (Pt- 37)
98	ELECTRICAL- CABLES & WIRES	Cross-Linked Polyethylene (XLPE) Insulated Thermoplastic Sheathed Cables for Working Voltages up to and including 1100 Volts	Flame retardance test on single cable	IS: 10810 (Pt- 61)
99	ELECTRICAL- CABLES & WIRES	Cross-Linked Polyethylene (XLPE) Insulated Thermoplastic Sheathed Cables for Working Voltages up to and including 1100 Volts	Flame retardation test on bunched cable	IS 10810 (Part-62)
100	ELECTRICAL- CABLES & WIRES	Cross-Linked Polyethylene (XLPE) Insulated Thermoplastic Sheathed Cables for Working Voltages up to and including 1100 Volts	flammability test	IS 10810 (Pt 53)
101	ELECTRICAL- CABLES & WIRES	Cross-Linked Polyethylene (XLPE) Insulated Thermoplastic Sheathed Cables for Working Voltages up to and including 1100 Volts	Halogen acid gas evolution	IS: 10810 (Pt- 59)
102	ELECTRICAL- CABLES & WIRES	Cross-Linked Polyethylene (XLPE) Insulated Thermoplastic Sheathed Cables for Working Voltages up to and including 1100 Volts	Heat shock test	IS 10810 (Pt 14)
103	ELECTRICAL- CABLES & WIRES	Cross-Linked Polyethylene (XLPE) Insulated Thermoplastic Sheathed Cables for Working Voltages up to and including 1100 Volts	High voltage test at room temp	IS 10810 (Pt 45)
104	ELECTRICAL- CABLES & WIRES	Cross-Linked Polyethylene (XLPE) Insulated Thermoplastic Sheathed Cables for Working Voltages up to and including 1100 Volts	Hot deformation test	IS 10810 (Pt 15)
105	ELECTRICAL- CABLES & WIRES	Cross-Linked Polyethylene (XLPE) Insulated Thermoplastic Sheathed Cables for Working Voltages up to and including 1100 Volts	Hot set test	IS 10810 (Pt 30)
106	ELECTRICAL- CABLES & WIRES	Cross-Linked Polyethylene (XLPE) Insulated Thermoplastic Sheathed Cables for Working Voltages up to and including 1100 Volts	Loss of mass test	IS 10810 (Pt 10)
107	ELECTRICAL- CABLES & WIRES	Cross-Linked Polyethylene (XLPE) Insulated Thermoplastic Sheathed Cables for Working Voltages up to and including 1100 Volts	Mass of zinc coating	IS: 10810 (Pt- 41)

SCOPE OF ACCREDITATION

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Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5552	**Page No**	7 of 22
Validity	12/05/2022 to 11/05/2024	**Last Amended on**	16/06/2022

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108	ELECTRICAL- CABLES & WIRES	Cross-Linked Polyethylene (XLPE) Insulated Thermoplastic Sheathed Cables for Working Voltages up to and including 1100 Volts	Oxygen Index Test	IS: 10810 (Pt- 58)
109	ELECTRICAL- CABLES & WIRES	Cross-Linked Polyethylene (XLPE) Insulated Thermoplastic Sheathed Cables for Working Voltages up to and including 1100 Volts	Resistivity test of armouring (Wire/Strips)	IS: 10810 (Pt- 42)
110	ELECTRICAL- CABLES & WIRES	Cross-Linked Polyethylene (XLPE) Insulated Thermoplastic Sheathed Cables for Working Voltages up to and including 1100 Volts	Shrinkage test	IS 10810 (Pt 12)
111	ELECTRICAL- CABLES & WIRES	Cross-Linked Polyethylene (XLPE) Insulated Thermoplastic Sheathed Cables for Working Voltages up to and including 1100 Volts	Smoke density test	ASTM-D2843
112	ELECTRICAL- CABLES & WIRES	Cross-Linked Polyethylene (XLPE) Insulated Thermoplastic Sheathed Cables for Working Voltages up to and including 1100 Volts	Temperature Index Test	IS: 10810 (Pt- 64)
113	ELECTRICAL- CABLES & WIRES	Cross-Linked Polyethylene (XLPE) Insulated Thermoplastic Sheathed Cables for Working Voltages up to and including 1100 Volts	Tensile strength of Armouring	IS: 10810 (Pt- 37)
114	ELECTRICAL- CABLES & WIRES	Cross-Linked Polyethylene (XLPE) Insulated Thermoplastic Sheathed Cables for Working Voltages up to and including 1100 Volts	Tensile strength on sheath	IS 10810 (Pt 7)
115	ELECTRICAL- CABLES & WIRES	Cross-Linked Polyethylene (XLPE) Insulated Thermoplastic Sheathed Cables for Working Voltages up to and including 1100 Volts	Tensile Test (Aluminium Conductor Only)	IS 10810 (Pt 2)
116	ELECTRICAL- CABLES & WIRES	Cross-Linked Polyethylene (XLPE) Insulated Thermoplastic Sheathed Cables for Working Voltages up to and including 1100 Volts	Thermal stability test	IS 10810 (Pt 60)
117	ELECTRICAL- CABLES & WIRES	Cross-Linked Polyethylene (XLPE) Insulated Thermoplastic Sheathed Cables for Working Voltages up to and including 1100 Volts	Thickness of insulation	IS 10810 (Pt 6)
118	ELECTRICAL- CABLES & WIRES	Cross-Linked Polyethylene (XLPE) Insulated Thermoplastic Sheathed Cables for Working Voltages up to and including 1100 Volts	Thickness of sheath	IS 10810 (Pt 6)
119	ELECTRICAL- CABLES & WIRES	Cross-Linked Polyethylene (XLPE) Insulated Thermoplastic Sheathed Cables for Working Voltages up to and including 1100 Volts	Torsion test(galvanized steel)	IS: 10810 (Pt- 38)
120	ELECTRICAL- CABLES & WIRES	Cross-Linked Polyethylene (XLPE) Insulated Thermoplastic Sheathed Cables for Working Voltages up to and including 1100 Volts	Uniformity of zinc coating	IS: 10810 (Pt- 40)
121	ELECTRICAL- CABLES & WIRES	Cross-Linked Polyethylene (XLPE) Insulated Thermoplastic Sheathed Cables for Working Voltages up to and including 1100 Volts	Volume resistivity test at 90°C	IS 10810 (Pt 43)

SCOPE OF ACCREDITATION

Laboratory Name :	ADS LABTECH, 39/2/10A, SAHIBABAD INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5552	**Page No**	8 of 22
Validity	12/05/2022 to 11/05/2024	**Last Amended on**	16/06/2022

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
122	ELECTRICAL- CABLES & WIRES	Cross-Linked Polyethylene (XLPE) Insulated Thermoplastic Sheathed Cables for Working Voltages up to and including 1100 Volts	Water absorption	IS 10810 (Pt 33)
123	ELECTRICAL- CABLES & WIRES	Cross-Linked Polyethylene (XLPE) Insulated Thermoplastic Sheathed Cables for Working Voltages up to and including 1100 Volts	Winding test (galvanized steel)	IS: 10810 (Pt- 39)
124	ELECTRICAL- CABLES & WIRES	Cross-Linked Polyethylene (XLPE) Insulated Thermoplastic Sheathed Cables for Working Voltages up to and including 1100 Volts	Wrapping test (Aluminium Conductor Only)	IS 10810 (Pt 3)
125	ELECTRICAL- CABLES & WIRES	Elastomer Insulated /Elastomer Sheathed Cables for Working Voltages up to and including 1100 Volts	Annealing test (copper conductor only)	IS 10810 (Pt 1)
126	ELECTRICAL- CABLES & WIRES	Elastomer Insulated /Elastomer Sheathed Cables for Working Voltages up to and including 1100 Volts	b) Variation in elongation on Oxygen bomb	IS 10810 (Pt 16)
127	ELECTRICAL- CABLES & WIRES	Elastomer Insulated /Elastomer Sheathed Cables for Working Voltages up to and including 1100 Volts	Conductor resistance Test	IS 10810 (Pt 5)
128	ELECTRICAL- CABLES & WIRES	Elastomer Insulated /Elastomer Sheathed Cables for Working Voltages up to and including 1100 Volts	Elongation on sheath	IS 10810 (Pt 7)
129	ELECTRICAL- CABLES & WIRES	Elastomer Insulated /Elastomer Sheathed Cables for Working Voltages up to and including 1100 Volts	Flammability test	IS 10810 (Pt 53)
130	ELECTRICAL- CABLES & WIRES	Elastomer Insulated /Elastomer Sheathed Cables for Working Voltages up to and including 1100 Volts	High voltage test at room temp	IS 10810 (Pt 45)
131	ELECTRICAL- CABLES & WIRES	Elastomer Insulated /Elastomer Sheathed Cables for Working Voltages up to and including 1100 Volts	Hot set test	IS 10810 (Pt 30)
132	ELECTRICAL- CABLES & WIRES	Elastomer Insulated /Elastomer Sheathed Cables for Working Voltages up to and including 1100 Volts	Insulation resistance constant	IS 10810 (Pt 43)
133	ELECTRICAL- CABLES & WIRES	Elastomer Insulated /Elastomer Sheathed Cables for Working Voltages up to and including 1100 Volts	Over all dimensions	IS 10810 (Pt- 6)
134	ELECTRICAL- CABLES & WIRES	Elastomer Insulated /Elastomer Sheathed Cables for Working Voltages up to and including 1100 Volts	Over all dimensions	IS 10810 (Pt- 6)
135	ELECTRICAL- CABLES & WIRES	Elastomer Insulated /Elastomer Sheathed Cables for Working Voltages up to and including 1100 Volts	Persulphate test	IS 10810 (Pt 4)
136	ELECTRICAL- CABLES & WIRES	Elastomer Insulated /Elastomer Sheathed Cables for Working Voltages up to and including 1100 Volts	Tear resistance test on sheath	IS 10810 (Pt 17)
137	ELECTRICAL- CABLES & WIRES	Elastomer Insulated /Elastomer Sheathed Cables for Working Voltages up to and including 1100 Volts	Tensile strength on sheath	IS 10810 (Pt 7)
138	ELECTRICAL- CABLES & WIRES	Elastomer Insulated /Elastomer Sheathed Cables for Working Voltages up to and including 1100 Volts	Tensile test (alumminum conductor only)	IS 10810 (Pt 2)
139	ELECTRICAL- CABLES & WIRES	Elastomer Insulated /Elastomer Sheathed Cables for Working Voltages up to and including 1100 Volts	Thickness of insulation	IS 10810 (Pt 6)

SCOPE OF ACCREDITATION

Laboratory Name :	ADS LABTECH, 39/2/10A, SAHIBABAD INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5552	**Page No**	9 of 22
Validity	12/05/2022 to 11/05/2024	**Last Amended on**	16/06/2022

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
140	ELECTRICAL- CABLES & WIRES	Elastomer Insulated /Elastomer Sheathed Cables for Working Voltages up to and including 1100 Volts	Thickness on sheath	IS 10810 (Pt 6
141	ELECTRICAL- CABLES & WIRES	Elastomer Insulated /Elastomer Sheathed Cables for Working Voltages up to and including 1100 Volts	Variation in elongation after ageing in air oven	IS 10810 (Pt 11)
142	ELECTRICAL- CABLES & WIRES	Elastomer Insulated /Elastomer Sheathed Cables for Working Voltages up to and including 1100 Volts	Variation in elongation after oil resistance test	IS 10810 (Pt 31)
143	ELECTRICAL- CABLES & WIRES	Elastomer Insulated /Elastomer Sheathed Cables for Working Voltages up to and including 1100 Volts	Variation in Tensile Strength elongation on Oxygen bomb	IS 10810 (Pt 16)
144	ELECTRICAL- CABLES & WIRES	Elastomer Insulated /Elastomer Sheathed Cables for Working Voltages up to and including 1100 Volts	Variation in Tensile Strength after ageing in air oven	IS 10810 (Pt 11)
145	ELECTRICAL- CABLES & WIRES	Elastomer Insulated /Elastomer Sheathed Cables for Working Voltages up to and including 1100 Volts	Variation in Tensile Strength after oil resistance test	IS 10810 (Pt 31)
146	ELECTRICAL- CABLES & WIRES	Elastomer Insulated /Elastomer Sheathed Cables for Working Voltages up to and including 1100 Volts	Wrapping test (alumminum conductor only)	IS 10810 (Pt 3)
147	ELECTRICAL- CABLES & WIRES	Elastomer Insulated /Elastomer Sheathed Cables for Working Voltages up to and including 1100 Volts (Fire Retardance Properties)	Flame retardance test on single cable	IS: 10810 (Pt- 61)
148	ELECTRICAL- CABLES & WIRES	Elastomer Insulated /Elastomer Sheathed Cables for Working Voltages up to and including 1100 Volts (Fire Retardance Properties)	Flame retardation test on bunched cable	IS: 10810 (Pt- 62)
149	ELECTRICAL- CABLES & WIRES	Elastomer Insulated /Elastomer Sheathed Cables for Working Voltages up to and including 1100 Volts (Fire Retardance Properties)	Halogen acid gas evolution	IS: 10810 (Pt- 59)
150	ELECTRICAL- CABLES & WIRES	Elastomer Insulated /Elastomer Sheathed Cables for Working Voltages up to and including 1100 Volts (Fire Retardance Properties)	Oxygen index test	IS: 10810 (Pt- 58):
151	ELECTRICAL- CABLES & WIRES	Elastomer Insulated /Elastomer Sheathed Cables for Working Voltages up to and including 1100 Volts (Fire Retardance Properties)	Smoke density test	ASTM-D2843
152	ELECTRICAL- CABLES & WIRES	Elastomer Insulated /Elastomer Sheathed Cables for Working Voltages up to and including 1100 Volts (Fire Retardance Properties)	Temperature index test	IS: 10810 (Pt- 64):
153	ELECTRICAL- CABLES & WIRES	H.R PVC Insulated Winding Wires for Submersible Motors	Annealing Test (Elongation)	IS 10810 (Pt -01)
154	ELECTRICAL- CABLES & WIRES	H.R PVC Insulated Winding Wires for Submersible Motors	Conductor Resistance Test	IS 10810 (Pt -05)
155	ELECTRICAL- CABLES & WIRES	H.R PVC Insulated Winding Wires for Submersible Motors	Diameters of Conductor	IS 10810 (Pt -01)
156	ELECTRICAL- CABLES & WIRES	H.R PVC Insulated Winding Wires for Submersible Motors	Insulation Thickness	IS 10810 (Pt- 06)

SCOPE OF ACCREDITATION

Laboratory Name :	ADS LABTECH, 39/2/10A, SAHIBABAD INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5552	**Page No**	10 of 22
Validity	12/05/2022 to 11/05/2024	**Last Amended on**	16/06/2022

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	H.R PVC Insulated Winding Wires for Submersible Motors	Overall Diameters	IS 10810 (Pt- 06)
158	ELECTRICAL- CABLES & WIRES	H.R PVC Insulated Winding Wires for Submersible Motors (Test on Insulation and Jacket Material)	Elongation at break Test	IS: 10810 (Pt- 07):
159	ELECTRICAL- CABLES & WIRES	H.R PVC Insulated Winding Wires for Submersible Motors (Test on Insulation and Jacket Material)	Elongation on insulation	IS: 10810 (Pt- 07)
160	ELECTRICAL- CABLES & WIRES	H.R PVC Insulated Winding Wires for Submersible Motors (Test on Insulation and Jacket Material)	Hot Deformation Test	IS: 10810 (Pt- 15)
161	ELECTRICAL- CABLES & WIRES	H.R PVC Insulated Winding Wires for Submersible Motors (Test on Insulation and Jacket Material)	Shrinkage test	IS: 10810 (Pt- 12)
162	ELECTRICAL- CABLES & WIRES	H.R PVC Insulated Winding Wires for Submersible Motors (Test on Insulation and Jacket Material)	Tensile strength on insulation	IS: 10810 (Pt- 07)
163	ELECTRICAL- CABLES & WIRES	H.R PVC Insulated Winding Wires for Submersible Motors (Test on Insulation and Jacket Material)	Tensile strength Test	IS: 10810 (Pt- 07)
164	ELECTRICAL- CABLES & WIRES	H.R PVC Insulated Winding Wires for Submersible Motors (Test on Insulation and Jacket Material)	Volume resistivity test	IS: 10810 (Pt- 43)
165	ELECTRICAL- CABLES & WIRES	H.R PVC Insulated Winding Wires for Submersible Motors (Test on Insulation and Jacket Material)	Water absorption	IS: 10810 (Pt- 33)
166	ELECTRICAL- CABLES & WIRES	PVC Insulated Unsheathed and sheathed cable/cords with rigid and Flexible conductor for rated voltages Up to & Including 1100 volts	Additional Ageing Test	IS:694
167	ELECTRICAL- CABLES & WIRES	PVC Insulated Unsheathed and sheathed cable/cords with rigid and Flexible conductor for rated voltages Up to & Including 1100 volts	Ageing in air Oven (Elongation)	IS:10810 (Pt 11)
168	ELECTRICAL- CABLES & WIRES	PVC Insulated Unsheathed and sheathed cable/cords with rigid and Flexible conductor for rated voltages Up to & Including 1100 volts	Annealing test for Copper Conductor	IS:10810 (Pt 1)-
169	ELECTRICAL- CABLES & WIRES	PVC Insulated Unsheathed and sheathed cable/cords with rigid and Flexible conductor for rated voltages Up to & Including 1100 volts	Cold Bend Test	IS:10810 (Part 20)
170	ELECTRICAL- CABLES & WIRES	PVC Insulated Unsheathed and sheathed cable/cords with rigid and Flexible conductor for rated voltages Up to & Including 1100 volts	Cold Impact Test	IS:10810 (Pt 21)
171	ELECTRICAL- CABLES & WIRES	PVC Insulated Unsheathed and sheathed cable/cords with rigid and Flexible conductor for rated voltages Up to & Including 1100 volts	Conductor resistance	IS:10810 (Pt 5)
172	ELECTRICAL- CABLES & WIRES	PVC Insulated Unsheathed and sheathed cable/cords with rigid and Flexible conductor for rated voltages Up to & Including 1100 volts	Elongation on Insulation	IS 10810 (Pt- 7)

SCOPE OF ACCREDITATION

Laboratory Name :	ADS LABTECH, 39/2/10A, SAHIBABAD INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5552	**Page No**	11 of 22
Validity	12/05/2022 to 11/05/2024	**Last Amended on**	16/06/2022

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
173	ELECTRICAL- CABLES & WIRES	PVC Insulated Unsheathed and sheathed cable/cords with rigid and Flexible conductor for rated voltages Up to & Including 1100 volts	Elongation on sheath	IS:10810 (Pt- 7)
174	ELECTRICAL- CABLES & WIRES	PVC Insulated Unsheathed and sheathed cable/cords with rigid and Flexible conductor for rated voltages Up to & Including 1100 volts	Flame Retardance test on single cable	IS: 10810 (Pt- 61)
175	ELECTRICAL- CABLES & WIRES	PVC Insulated Unsheathed and sheathed cable/cords with rigid and Flexible conductor for rated voltages Up to & Including 1100 volts	Flame retardation test on bunched cable	IS 10810 (Part-62)
176	ELECTRICAL- CABLES & WIRES	PVC Insulated Unsheathed and sheathed cable/cords with rigid and Flexible conductor for rated voltages Up to & Including 1100 volts	Flammability Test	IS:10810 (Pt 53)-
177	ELECTRICAL- CABLES & WIRES	PVC Insulated Unsheathed and sheathed cable/cords with rigid and Flexible conductor for rated voltages Up to & Including 1100 volts	Halogen acid gas evolution	IS: 10810 (Pt- 59)
178	ELECTRICAL- CABLES & WIRES	PVC Insulated Unsheathed and sheathed cable/cords with rigid and Flexible conductor for rated voltages Up to & Including 1100 volts	Heat shock test	IS: 10810 (Pt- 14)
179	ELECTRICAL- CABLES & WIRES	PVC Insulated Unsheathed and sheathed cable/cords with rigid and Flexible conductor for rated voltages Up to & Including 1100 volts	High voltage test at (water immersion)	IS:694
180	ELECTRICAL- CABLES & WIRES	PVC Insulated Unsheathed and sheathed cable/cords with rigid and Flexible conductor for rated voltages Up to & Including 1100 volts	High voltage test at room temp	IS:10810 (Pt-45)
181	ELECTRICAL- CABLES & WIRES	PVC Insulated Unsheathed and sheathed cable/cords with rigid and Flexible conductor for rated voltages Up to & Including 1100 volts	High voltage test at room temp	IS:694
182	ELECTRICAL- CABLES & WIRES	PVC Insulated Unsheathed and sheathed cable/cords with rigid and Flexible conductor for rated voltages Up to & Including 1100 volts	Hot deformation test	IS: 10810 (Pt- 15)
183	ELECTRICAL- CABLES & WIRES	PVC Insulated Unsheathed and sheathed cable/cords with rigid and Flexible conductor for rated voltages Up to & Including 1100 volts	Isulation resistance constant	IS 10810 (Pt- 43)
184	ELECTRICAL- CABLES & WIRES	PVC Insulated Unsheathed and sheathed cable/cords with rigid and Flexible conductor for rated voltages Up to & Including 1100 volts	Loss of mass test	IS:10810 (Pt 10)
185	ELECTRICAL- CABLES & WIRES	PVC Insulated Unsheathed and sheathed cable/cords with rigid and Flexible conductor for rated voltages Up to & Including 1100 volts	Overall Dimension	IS:10810 (Pt 6)
186	ELECTRICAL- CABLES & WIRES	PVC Insulated Unsheathed and sheathed cable/cords with rigid and Flexible conductor for rated voltages Up to & Including 1100 volts	Oxygen Index Test	IS: 10810 (Pt- 58)

SCOPE OF ACCREDITATION

Laboratory Name :	ADS LABTECH, 39/2/10A, SAHIBABAD INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5552	**Page No**	12 of 22
Validity	12/05/2022 to 11/05/2024	**Last Amended on**	16/06/2022

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
187	ELECTRICAL- CABLES & WIRES	PVC Insulated Unsheathed and sheathed cable/cords with rigid and Flexible conductor for rated voltages Up to & Including 1100 volts	Persulphate Test for Tinned Copper conductor	IS:10810 (Pt 4)
188	ELECTRICAL- CABLES & WIRES	PVC Insulated Unsheathed and sheathed cable/cords with rigid and Flexible conductor for rated voltages Up to & Including 1100 volts	Shrinkage test	IS: 10810 (Pt- 12)
189	ELECTRICAL- CABLES & WIRES	PVC Insulated Unsheathed and sheathed cable/cords with rigid and Flexible conductor for rated voltages Up to & Including 1100 volts	Smoke density test	ASTM-D2843
190	ELECTRICAL- CABLES & WIRES	PVC Insulated Unsheathed and sheathed cable/cords with rigid and Flexible conductor for rated voltages Up to & Including 1100 volts	Temperature index test	IS: 10810 (Pt- 64)
191	ELECTRICAL- CABLES & WIRES	PVC Insulated Unsheathed and sheathed cable/cords with rigid and Flexible conductor for rated voltages Up to & Including 1100 volts	Tensile Strenght for Aluminium Conductor	IS:10810 (Pt 2)
192	ELECTRICAL- CABLES & WIRES	PVC Insulated Unsheathed and sheathed cable/cords with rigid and Flexible conductor for rated voltages Up to & Including 1100 volts	Tensile strength on insulation	IS:10810 (Pt 7)
193	ELECTRICAL- CABLES & WIRES	PVC Insulated Unsheathed and sheathed cable/cords with rigid and Flexible conductor for rated voltages Up to & Including 1100 volts	Tensile strength on sheath	IS:10810 (Pt -7)
194	ELECTRICAL- CABLES & WIRES	PVC Insulated Unsheathed and sheathed cable/cords with rigid and Flexible conductor for rated voltages Up to & Including 1100 volts	Thermal stability test	IS: 10810 (Pt- 60)
195	ELECTRICAL- CABLES & WIRES	PVC Insulated Unsheathed and sheathed cable/cords with rigid and Flexible conductor for rated voltages Up to & Including 1100 volts	Thickness of insulation	IS:10810 (Pt 6)
196	ELECTRICAL- CABLES & WIRES	PVC Insulated Unsheathed and sheathed cable/cords with rigid and Flexible conductor for rated voltages Up to & Including 1100 volts	Volume resistivity test	IS: 10810 (Pt- 43)
197	ELECTRICAL- CABLES & WIRES	PVC Insulated Unsheathed and sheathed cable/cords with rigid and Flexible conductor for rated voltages Up to & Including 1100 volts	Wrapping test for Aluminium Conductor	IS:10810 (Pt 3)
198	ELECTRICAL- CABLES & WIRES	PVC Insulated/PVC sheathed (Heavy Duty) cables for working voltage	Annealing test (Copper Conductor Only)	IS 10810 (Pt 1)
199	ELECTRICAL- CABLES & WIRES	PVC Insulated/PVC sheathed (Heavy Duty) cables for working voltage	Cold bend test	IS 10810 (Part- 20)
200	ELECTRICAL- CABLES & WIRES	PVC Insulated/PVC sheathed (Heavy Duty) cables for working voltage	Cold impact test	IS: 10810 (Pt- 21)
201	ELECTRICAL- CABLES & WIRES	PVC Insulated/PVC sheathed (Heavy Duty) cables for working voltage	Conductor Resistance	IS 10810 (Pt 5)

SCOPE OF ACCREDITATION

Laboratory Name : ADS LABTECH, 39/2/10A, SAHIBABAD INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5552 **Page No** 13 of 22

Validity 12/05/2022 to 11/05/2024 **Last Amended on** 16/06/2022

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
202	ELECTRICAL- CABLES & WIRES	PVC Insulated/PVC sheathed (Heavy Duty) cables for working voltage	Dimension for Armouring Material	IS 10810 (Pt 36)
203	ELECTRICAL- CABLES & WIRES	PVC Insulated/PVC sheathed (Heavy Duty) cables for working voltage	Elongation after ageing in air oven	IS: 10810 (Pt- 11)
204	ELECTRICAL- CABLES & WIRES	PVC Insulated/PVC sheathed (Heavy Duty) cables for working voltage	Elongation on sheath at break	IS: 10810 (Pt- 7)
205	ELECTRICAL- CABLES & WIRES	PVC Insulated/PVC sheathed (Heavy Duty) cables for working voltage	Elongation test armouring	IS: 10810 (Pt- 37)
206	ELECTRICAL- CABLES & WIRES	PVC Insulated/PVC sheathed (Heavy Duty) cables for working voltage	Flame retardance test on single cable	IS: 10810 (Pt- 61)
207	ELECTRICAL- CABLES & WIRES	PVC Insulated/PVC sheathed (Heavy Duty) cables for working voltage	Flame retardation test on bunched cable	IS: 10810 (Pt- 62)
208	ELECTRICAL- CABLES & WIRES	PVC Insulated/PVC sheathed (Heavy Duty) cables for working voltage	Flammability test	IS: 10810 (Pt- 53)
209	ELECTRICAL- CABLES & WIRES	PVC Insulated/PVC sheathed (Heavy Duty) cables for working voltage	Halogen acid gas evolution	IS: 10810 (Pt- 59)
210	ELECTRICAL- CABLES & WIRES	PVC Insulated/PVC sheathed (Heavy Duty) cables for working voltage	Heat shock test	IS: 10810 (Pt- 14)
211	ELECTRICAL- CABLES & WIRES	PVC Insulated/PVC sheathed (Heavy Duty) cables for working voltage	High voltage test at (water immersion)	IS:10810(pt-45)
212	ELECTRICAL- CABLES & WIRES	PVC Insulated/PVC sheathed (Heavy Duty) cables for working voltage	High voltage test at room temp	IS:10810 (pt-45)
213	ELECTRICAL- CABLES & WIRES	PVC Insulated/PVC sheathed (Heavy Duty) cables for working voltage	Hot deformation test	IS: 10810 (Pt- 15)
214	ELECTRICAL- CABLES & WIRES	PVC Insulated/PVC sheathed (Heavy Duty) cables for working voltage	Insulation resistance constant	IS 10810 (Pt- 43)
215	ELECTRICAL- CABLES & WIRES	PVC Insulated/PVC sheathed (Heavy Duty) cables for working voltage	Loss of mass test	IS: 10810 (Pt- 10)
216	ELECTRICAL- CABLES & WIRES	PVC Insulated/PVC sheathed (Heavy Duty) cables for working voltage	Mass of zinc coating	IS: 10810 (Pt- 41)
217	ELECTRICAL- CABLES & WIRES	PVC Insulated/PVC sheathed (Heavy Duty) cables for working voltage	Overall diameter of cable	IS: 10810 (Pt- 6)
218	ELECTRICAL- CABLES & WIRES	PVC Insulated/PVC sheathed (Heavy Duty) cables for working voltage	Oxygen index test	IS: 10810 (Pt- 58)
219	ELECTRICAL- CABLES & WIRES	PVC Insulated/PVC sheathed (Heavy Duty) cables for working voltage	Resistivity test of armouring (Wire/Strips)	IS: 10810 (Pt- 42)
220	ELECTRICAL- CABLES & WIRES	PVC Insulated/PVC sheathed (Heavy Duty) cables for working voltage	Shrinkage test	IS: 10810 (Pt- 12)

SCOPE OF ACCREDITATION

Laboratory Name : ADS LABTECH, 39/2/10A, SAHIBABAD INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5552 **Page No** 14 of 22

Validity 12/05/2022 to 11/05/2024 **Last Amended on** 16/06/2022

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
221	ELECTRICAL- CABLES & WIRES	PVC Insulated/PVC sheathed (Heavy Duty) cables for working voltage	Smoke density test	ASTM-D2843
222	ELECTRICAL- CABLES & WIRES	PVC Insulated/PVC sheathed (Heavy Duty) cables for working voltage	Temperature index test	IS: 10810 (Pt- 64)
223	ELECTRICAL- CABLES & WIRES	PVC Insulated/PVC sheathed (Heavy Duty) cables for working voltage	Tensile Strength after ageing in air oven	IS: 10810 (Pt- 11)
224	ELECTRICAL- CABLES & WIRES	PVC Insulated/PVC sheathed (Heavy Duty) cables for working voltage	Tensile strength of armouring	IS: 10810 (Pt- 37)
225	ELECTRICAL- CABLES & WIRES	PVC Insulated/PVC sheathed (Heavy Duty) cables for working voltage	Tensile strength on sheath at break	IS: 10810 (Pt- 7)
226	ELECTRICAL- CABLES & WIRES	PVC Insulated/PVC sheathed (Heavy Duty) cables for working voltage	Tensile Test for Aluminium Conductor	IS 10810 (Pt 2)
227	ELECTRICAL- CABLES & WIRES	PVC Insulated/PVC sheathed (Heavy Duty) cables for working voltage	Thermal stability test	IS: 10810 (Pt- 60)
228	ELECTRICAL- CABLES & WIRES	PVC Insulated/PVC sheathed (Heavy Duty) cables for working voltage	Thickness of insulation	IS: 10810 (Pt- 6)
229	ELECTRICAL- CABLES & WIRES	PVC Insulated/PVC sheathed (Heavy Duty) cables for working voltage	Torsion test(galvanized Round steel Wire)	IS: 10810 (Pt- 38)
230	ELECTRICAL- CABLES & WIRES	PVC Insulated/PVC sheathed (Heavy Duty) cables for working voltage	Uniformity of zinc coating	IS: 10810 (Pt- 40)
231	ELECTRICAL- CABLES & WIRES	PVC Insulated/PVC sheathed (Heavy Duty) cables for working voltage	Volume resistivity test	IS: 10810 (Pt- 43)
232	ELECTRICAL- CABLES & WIRES	PVC Insulated/PVC sheathed (Heavy Duty) cables for working voltage	Winding Test (Galvanized Steel)	IS: 10810 (Pt- 30)
233	ELECTRICAL- CABLES & WIRES	PVC Insulated/PVC sheathed (Heavy Duty) cables for working voltage	Wrapping test for Aluminium	IS 10810 (Pt 3)
234	ELECTRICAL- CABLES & WIRES	Welding Cable	Elongation on covering at break	IS: 10810 (Pt 7)
235	ELECTRICAL- CABLES & WIRES	Welding Cable	a) Tensile Strength after ageing in air bomb	IS: 10810 (Pt 56)
236	ELECTRICAL- CABLES & WIRES	Welding Cable	Elongation after oil resistance test	IS: 10810 (Pt 31)
237	ELECTRICAL- CABLES & WIRES	Welding Cable	Elongation after ageing in air bomb	IS: 10810 (Pt 56)
238	ELECTRICAL- CABLES & WIRES	Welding Cable	Elongation after ageing in air oven	IS: 10810 (Pt 11)
239	ELECTRICAL- CABLES & WIRES	Welding Cable	Elongation on covering at break	IS: 10810 (Pt 7)

SCOPE OF ACCREDITATION

Laboratory Name : ADS LABTECH, 39/2/10A, SAHIBABAD INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5552 **Page No** 15 of 22

Validity 12/05/2022 to 11/05/2024 **Last Amended on** 16/06/2022

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
240	ELECTRICAL- CABLES & WIRES	Welding Cable	Flammability test	IS: 10810 (Pt 53)
241	ELECTRICAL- CABLES & WIRES	Welding Cable	High voltage water immersion test	IS: 10810 (Pt 45)
242	ELECTRICAL- CABLES & WIRES	Welding Cable	Hot set test	IS: 10810 (Pt 30)
243	ELECTRICAL- CABLES & WIRES	Welding Cable	Tensile Strength after ageing in air oven	IS: 10810 (Pt 11)
244	ELECTRICAL- CABLES & WIRES	Welding Cable	Tensile Strength after oil resistance test	IS: 10810 (Pt 31)
245	ELECTRICAL- CABLES & WIRES	Welding Cable	Tensile strength on covering at break	IS: 10810 (Pt 7)
246	ELECTRICAL- CABLES & WIRES	Welding Cable	Test for thickness of covering	IS: 10810 (Pt 6)
247	ELECTRICAL- CABLES & WIRES	Welding Cable (Test on Conductor)	Annealing test	IS: 10810 (Pt 1)
248	ELECTRICAL- CABLES & WIRES	Welding Cable(Test on Conductor)	Conductor resistance test	IS: 10810 (Pt 5)
249	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Fine)	Bulk Density	IS 2386 (Part 3)
250	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Fine)	Clay lumps	IS 2386 (Part 2)
251	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Fine)	Material Finer than 75 micron sieve	IS 2386 (Part 1)
252	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Fine)	Organic Impurities	IS 2386 (Part 1)
253	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Fine)	Specific Gravity	IS 2386 (Part 3)
254	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Fine)	Water absorption	IS 2386 (Part 3)
255	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse)	Bulk Density	IS 2386 (Part 3)
256	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse)	Clay lumps	IS 2386 (Part 2)
257	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse)	Deleterious Material	IS 2386 (Part 1)
258	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse)	Flakiness Index	IS 2386 (Part 1)

SCOPE OF ACCREDITATION

Laboratory Name : ADS LABTECH, 39/2/10A, SAHIBABAD INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5552 **Page No** 16 of 22

Validity 12/05/2022 to 11/05/2024 **Last Amended on** 16/06/2022

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	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse)	Material Finer than 75 micron sieve	IS 2386 (Part 1)
260	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse)	10 % Fine's Value	IS 2386 (Part 4)
261	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse)	Crushing Value	IS 2386 (Part 4)
262	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse)	Elongation Index	IS 2386 (Part 1)
263	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse)	Impact Value	IS 2386 (Part 4)
264	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse)	Los Angeles abrasion value	IS 2386 (Part 4)
265	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse)	Organic Impurities	IS 2386 (Part 2)
266	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse)	Sieve analysis (Sieve Size: 2.36 mm to 80 mm)	IS 2386 (Part 1)
267	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse)	Specific Gravity	IS 2386 (Part 3)
268	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse)	Water Absorption	IS 2386 (Part 3)
269	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Fine)	Deleterious Material	IS 2386 (Part 1)
270	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Fine)	Sieve analysis (Sieve Size: 75 micron to 10 mm)	IS 2386 (Part 1)
271	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Solubility	IS : 1216
272	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Ductility	IS 1208
273	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Flash Point	IS 1209
274	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration	IS 1203
275	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening Point	IS 1205
276	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Specific gravity	IS 1202
277	MECHANICAL- BUILDINGS MATERIALS	Bituminous Material	Binder content	ASTM D 2172

SCOPE OF ACCREDITATION

Laboratory Name : ADS LABTECH, 39/2/10A, SAHIBABAD INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5552 **Page No** 17 of 22

Validity 12/05/2022 to 11/05/2024 **Last Amended on** 16/06/2022

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
278	MECHANICAL- BUILDINGS MATERIALS	Burnt clay bricks	Dimension (Height)	IS 1077
279	MECHANICAL- BUILDINGS MATERIALS	Burnt clay bricks	Dimension (Length)	IS 1077
280	MECHANICAL- BUILDINGS MATERIALS	Burnt clay bricks	Dimension (Width)	IS 1077
281	MECHANICAL- BUILDINGS MATERIALS	Burnt clay bricks and Fly ash bricks	Compressive strength	IS 3495 (Part 1)
282	MECHANICAL- BUILDINGS MATERIALS	Burnt clay bricks and Fly ash bricks	Efflorescence	IS 3495 (Part 3)
283	MECHANICAL- BUILDINGS MATERIALS	Burnt clay bricks and Fly ash bricks	Water absorption	IS 3495 (Part 2)
284	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC / PPC	Specific Gravity	IS 4031 (Part 11)
285	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC / PPC)	Compressive strength	IS 4031 (Part 6)
286	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC / PPC)	Consistency	IS 4031 (Part 4)
287	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC / PPC)	Final Setting time	IS 4031 (Part 5)
288	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC / PPC)	Fineness by blain air permeability	IS 4031 (Part 2)
289	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC / PPC)	Fineness by dry sieving (% retained)	IS 4031 (Part 1)
290	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC / PPC)	Initial Setting Time	IS 4031 (Part 5)
291	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC / PPC)	Soundness By Autoclave method	IS 4031 (Part 3)
292	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC / PPC)	Soundness By Le-Chattalier method	IS 4031 (Part 3)
293	MECHANICAL- BUILDINGS MATERIALS	Coarse and Fine aggregates	Alkali -Aggregate test (Bar Method)	IS 2386 (Part 7)
294	MECHANICAL- BUILDINGS MATERIALS	Coarse/ Fine Aggregates	Soundness	IS 2386 (Part 5)
295	MECHANICAL- BUILDINGS MATERIALS	Concretre & Rocks	Pull-Out test	IS 11309
296	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Comparative compressive strength at 28 days	IS 1727

SCOPE OF ACCREDITATION

Laboratory Name : ADS LABTECH, 39/2/10A, SAHIBABAD INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5552 **Page No** 18 of 22

Validity 12/05/2022 to 11/05/2024 **Last Amended on** 16/06/2022

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
297	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Fineness (Specific Surface Blaine's	IS 1727
298	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Particle retained on 45 micron sieve (wet sieving)	IS 1727
299	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Soundness (by Autoclave)-lower limit(-)0.1%	IS 1727-
300	MECHANICAL- BUILDINGS MATERIALS	Glazed / Ceramic Tiles	Bulk density	IS: 13630
301	MECHANICAL- BUILDINGS MATERIALS	Glazed / Ceramic Tiles	Dimension - Breadth	IS 1237
302	MECHANICAL- BUILDINGS MATERIALS	Glazed / Ceramic Tiles	Dimension - Thickness	IS 1237
303	MECHANICAL- BUILDINGS MATERIALS	Glazed / Ceramic Tiles	Dimensions - Length	IS 1237
304	MECHANICAL- BUILDINGS MATERIALS	Glazed / Ceramic Tiles	Hardness by Moh's scale	IS: 13630
305	MECHANICAL- BUILDINGS MATERIALS	Glazed / Ceramic Tiles	Modulus of Rupture/Breaking Strength	IS: 13630 Pt-6
306	MECHANICAL- BUILDINGS MATERIALS	Glazed / Ceramic Tiles	Water absorption	IS: 13630
307	MECHANICAL- BUILDINGS MATERIALS	Glazed / Ceramic Tiles	Wet Transverse Strength Test	IS: 1237
308	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Compressive Strength	IS 516 (Part 1, Section 1)
309	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Concrete Permeability	BS EN12390-8
310	MECHANICAL- BUILDINGS MATERIALS	HT Stand Wire	Tensile Load	IS 1608 (Part 1)
311	MECHANICAL- BUILDINGS MATERIALS	Non-Ferrous Metal	Bend Test (Mandrel Diameter: 12 mm to 216 mm)	IS 1599
312	MECHANICAL- BUILDINGS MATERIALS	Non-Ferrous Metal	Elongation	IS 1608 (Part 1)
313	MECHANICAL- BUILDINGS MATERIALS	Non-Ferrous Metal	Tensile Strength	IS 1608 (Part 1)
314	MECHANICAL- BUILDINGS MATERIALS	Non-Ferrous Metal	Yield Stress	IS 1608 (Part 1)
315	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Compressive Strength	IS 15658

SCOPE OF ACCREDITATION

Laboratory Name : ADS LABTECH, 39/2/10A, SAHIBABAD INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5552 **Page No** 19 of 22

Validity 12/05/2022 to 11/05/2024 **Last Amended on** 16/06/2022

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
316	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Water Absorption	IS: 15658
317	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel Bar	Elongation	IS 1608 (Part 1)
318	MECHANICAL- BUILDINGS MATERIALS	Steel Reinforcement/ Structural Steel	Bend Test (Mandrel Diameter: 12 mm to 216 mm)	IS 1599
319	MECHANICAL- BUILDINGS MATERIALS	Steel Reinforcement/ Structural Steel	Elongation	IS 1786
320	MECHANICAL- BUILDINGS MATERIALS	Steel Reinforcement/ Structural Steel	Nominal Mass / meter	IS 1786
321	MECHANICAL- BUILDINGS MATERIALS	Steel Reinforcement/ Structural Steel	Re-bend Test (Mandrel Diameter: 32 mm to 224 mm)	IS 1786
322	MECHANICAL- BUILDINGS MATERIALS	Steel Reinforcement/ Structural Steel	Total Elongation	IS 1608 (Part 1)
323	MECHANICAL- BUILDINGS MATERIALS	Steel Reinforcement/ Structural Steel	Ultimate Tensile Strength	IS 1608 (Part 1)
324	MECHANICAL- BUILDINGS MATERIALS	Steel Reinforcement/ Structural Steel	Yield Stress	IS 1608 (Part 1)
325	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Hardness	Rockwell Hardness (HRB)	IS 1586 (Part 1)
326	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Hardness of metal	Rockwell hardness (HRC)	IS 1586
327	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Hardness of metals	Rockwell Hardness (HRA)	IS 1586 (Part 1)
328	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Pipe	Reversion	IS 14333
329	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Pipes	Color/ Visual Apperance	IS 14333
330	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Pipes	Dimensions	IS 14333
331	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Pipes	Hydro-static characteristic	IS 14333
332	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High density Polythene materials for molding & Extrusion	Density	IS 7328
333	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic material & fitting	Color/visual appearance	IS 4985

SCOPE OF ACCREDITATION

Laboratory Name : ADS LABTECH, 39/2/10A, SAHIBABAD INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5552 **Page No** 20 of 22

Validity 12/05/2022 to 11/05/2024 **Last Amended on** 16/06/2022

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
334	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	plastic material & fitting	Dimensions	IS 4984
335	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic material & fitting	Elongation	IS 12235 (Part 13)
336	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	plastic material & fitting	Elongation at break	IS 4984
337	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	plastic material & fitting	Hydro-static characteristic	IS 4984
338	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	plastic material & fitting	Oxygen induction time	IS 4984
339	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	plastic material & fitting	Reversion	IS 4984
340	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	plastic material & fitting	Slow crack growth rate	IS 4984
341	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	plastic material & fitting	Tensile strength of butt fusion	IS 4984
342	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Pipes and fittings	Flattening test	IS 12235 (Part 19)
343	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Pipes and fittings	Tensile strength	IS 12235 (Part 13)
344	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	POLYETHYLENE PIPES	Color	IS 14151 pt 1
345	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	POLYETHYLENE PIPES	Dimensions (Diameter and Wall Thickness)	IS 14151 (Part 1)
346	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	POLYETHYLENE PIPES	Hydro-static characteristic	IS 14151 (Part 1)
347	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	POLYETHYLENE PIPES	Reversion	IS 14151 (Part 1)
348	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	POLYETHYLENE PIPES	Visual appearance	IS 14151 (Part 1)
349	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polythene Moulding Materials & its compound	Carbon Black Dispersion	IS 2530
350	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polythene Moulding Materials & its compound	Melt flow Index (MFI)	IS 2530
351	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber & Rubber Products	Accelerated ageing in air	IS 3400 (Part 4)
352	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber & Rubber Products	Accelerated ageing in air (Change in Hardness IRHD)	IS 3400 (Part 4)

SCOPE OF ACCREDITATION

Laboratory Name : ADS LABTECH, 39/2/10A, SAHIBABAD INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5552 **Page No** 21 of 22

Validity 12/05/2022 to 11/05/2024 **Last Amended on** 16/06/2022

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
353	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber & Rubber Products	Accelerated ageing in air (Change in tensile strength)	IS 3400 (Part 4)
354	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber & Rubber Products	Compression Set	IS: 3400
355	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber & Rubber Products	Density	IS 3400 (Part 9)
356	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber & Rubber Products	Elongation at Break	IS 3400 (Part 1)
357	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber & Rubber Products	Hardness IRHD (Shore A)	IS 3400 (Part 2)
358	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber & Rubber Products	Tensile Strength	IS 3400 (Part 1)
359	MECHANICAL- SOIL AND ROCK	Soil	California Bearing ratio	IS 2720, Part – 16
360	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part 40)
361	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis	IS 2720 Part – 4
362	MECHANICAL- SOIL AND ROCK	Soil	Heavy compaction(MDD)	IS 2720, Part – 8
363	MECHANICAL- SOIL AND ROCK	Soil	Heavy compaction(OMC)	IS 2720, Part – 8
364	MECHANICAL- SOIL AND ROCK	Soil	Light compaction(MDD)	IS 2720, Part – 7
365	MECHANICAL- SOIL AND ROCK	Soil	Light compaction(OMC)	IS 2720 , Part – 7
366	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 Part – 5
367	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720, Part – 5
368	MECHANICAL- SOIL AND ROCK	Soil	Shear strength of soil with max particle size of 4.75 mm undrained, consolidated undrained & consolidated drained conditions.	IS 2720 (Part 13)
369	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 Part – 3, Section-1,
370	MECHANICAL- SOIL AND ROCK	Soil &Rocks	Plate Load	IS 1888

SCOPE OF ACCREDITATION

Laboratory Name : ADS LABTECH, 39/2/10A, SAHIBABAD INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5552 **Page No** 22 of 22

Validity 12/05/2022 to 11/05/2024 **Last Amended on** 16/06/2022

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
371	MECHANICAL- WOOD AND WOOD PRODUCTS	Wood	Density	IS 1708
372	MECHANICAL- WOOD AND WOOD PRODUCTS	wood	Moisture Content %	IS 11215
373	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Bored cast (Integrity testing of concrete deep foundations)-In-situ Piles	Ultrasonic Cross-hole Testing (CSL)	ASTM D 6760 16
374	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Bridge structure	Bridge Load test	IRC SP 51-1985
375	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Bridge structure	Load Test	IRC SP-51
376	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Cement Hardened Concrete	Pull Out test	IS 2770
377	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete Pile	Low Strain Pile Integrity Test	ASTM-5882
378	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Carbonation Test	BS:1881(Pt-201)
379	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Rebound Hammer Test	IS:13311 Part 2
380	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Ultrasonic Pulse Velocity Test	IS:13311 Part 1