National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : TESTING LABORATORY, KJV ALLOY CONDUCTORS PVT. LTD., PLOT NO. 15 & PART OF 20, AKVN INDUSTRIAL AREA, BOREGAON, SAUSAR, CHHINDWARA, MADHYA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5002 **Page No** 1 of 4

Validity 31/07/2021 to 30/07/2023 **Last Amended on** 06/12/2021

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- METALS & ALLOYS	Aluminium & Its Alloys	Iron	ASTME 1251
2	CHEMICAL- METALS & ALLOYS	Aluminium & Its Alloys	Iron	ASTME 1251
3	CHEMICAL- METALS & ALLOYS	Aluminium & Its Alloys	Silicon	ASTME 1251
4	CHEMICAL- METALS & ALLOYS	Aluminium & Its Alloys	Silicon	ASTME 1251
5	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aerial Bunched Cables for Working Voltage Up to & Including 1100 Volt	Ageing in Air Oven Tensile Strength Before Ageing	IS 10810 PART 11
6	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aerial Bunched Cables for Working Voltage Up to & Including 1100 Volt	Ageing in Air Oven Tensile Strength After Ageing	IS 10810 PART 11
7	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aerial Bunched Cables for Working Voltage Up to & Including 1100 Volt	Elongation at Break	IS 10810 PART 7
8	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aerial Bunched Cables for Working Voltage Up to & Including 1100 Volt	Elongation Test	IS 14255
9	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aerial Bunched Cables for Working Voltage Up to & Including 1100 Volt	Shrinkage Test	IS 10810 PART 12
10	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aerial Bunched Cables for Working Voltage Up to & Including 1100 Volt	Tensile Strength of Insulation	IS 10810 PART 7
11	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aerial Bunched Cables for Working Voltage Up to Including 1100 Volt	Wrapping Test of Aluminium Conductor	IS 10810 PART 3
12	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aerial Bundched Cables for Working Voltage Up to Including 1100 Volt	Resistance Test	IS 10810 PART 5
13	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Conductor for Overhead Transmission : Aluminium Conductors Galvanized Steel Reinforced for Extra High Voltage (400 kV And Above)	Dimensional Measurement	IS 398 PART 5
14	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Conductor for Overhead Transmission : B) Aluminium Conductors Galvanized Steel Reinforced	Freedom of test defects	IS 398 PART - 2

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15	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Conductor for Overhead Transmission purpose : Aluminium stranded conductors	Freedom of test defects	IS 398 PART - 1
16	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Conductor for Overhead Transmission Purposes : Aluminium Conductors Galvanized Steel Reinforced	Tensile Strength/Breaking Load Test	IS 398 PART 2
17	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Conductor for Overhead Transmission Purposes :- Aluminium Conductors Galvanized Steel Reinforced	Dimensional Measurement	IS 398 PART - 2
18	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Conductor for Overhead Transmission Purposes :- Aluminium Conductors Galvanized Steel Reinforced	Direction of lay	IS 398 PART - 2
19	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Conductor for Overhead Transmission Purposes: Aluminium Alloy Conductors	Resistance Test	IS 398 PART 4
20	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Conductors for Overhead Transmission Purposes : Aluminium Alloy Conductors	Tensile Strength/Breaking Load Test	IS 398 PART 4
21	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Conductors for Overhead Transmission Purposes : Aluminium Stranded Conductors	Tensile Strength/Breaking Load Test	IS 398 PART 1
22	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Conductors for Overhead Transmission Purposes : C) Aluminium Alloy Conductors	Freedom of test defects	IS 398 PART - 4
23	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Conductors for Overhead Transmission Purposes :- Aluminium Alloy Conductors	Stranding	IS 398 PART - 4
24	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Conductors for Overhead Transmission Purposes :- Aluminium Conductors Galvanized Steel Reinforced	Stranding	IS 398 PART - 2
25	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Conductors for Overhead Transmission Purposes :- Aluminium Conductors Galvanized Steel Reinforced for Extra High Voltage (400 kV And Above)	Direction of lay	IS 398 PART - 5
26	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Conductors for Overhead Transmission Purposes :- Aluminium Conductors Galvanized Steel Reinforced for Extra High Voltage (400 kV and above)	Freedom of test defects	IS 398 PART - 5
27	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Conductors for Overhead Transmission Purposes :- Aluminium Conductors Galvanized Steel Reinforced for Extra High Voltage (400 kV And Above)	Stranding	IS 398 PART - 5
28	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Conductors for Overhead Transmission Purposes :- Aluminium Stranded Conductors	Direction of lay	IS 398 PART - 1

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29	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Conductors for Overhead Transmission Purposes :- Aluminium Stranded Conductors	Dimensional Measurement	IS 398 PART - 1
30	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Conductors for Overhead Transmission Purposes :- Aluminium Stranded Conductors	Stranding	IS 398 PART - 1
31	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Conductors for Overhead Transmission Purposes :- Aluminium Alloy Conductors	Direction of lay	IS 398 PART - 4
32	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Conductors for Overhead Transmission Purposes :Aluminium Alloy Conductors	Dimensional Measurement	IS 398 PART 4
33	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Conductors for Overhead Transmission Purposes: Aluminium Alloy Conductors	Elongation Test	IS 398 PART 4
34	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Conductors for Overhead Transmission Purposes: Aluminium Alloy Conductors	Lay Ratio	IS 398 PART 4
35	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Conductors for Overhead Transmission Purposes: Aluminium Conductors Galvanized Steel Reinforced	Elongation Test	IS 398 PART 2
36	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Conductors for Overhead Transmission Purposes: Aluminium Conductors Galvanized Steel Reinforced	Elongation Test	IS 398 PART 5
37	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Conductors for Overhead Transmission Purposes: Aluminium Conductors Galvanized Steel Reinforced	Lay Ratio	IS 398 PART 2
38	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Conductors for Overhead Transmission Purposes: Aluminium Conductors Galvanized Steel Reinforced	Mass of Zinc Testing	IS 6745
39	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Conductors for Overhead Transmission Purposes: Aluminium Conductors Galvanized Steel Reinforced	Resistance Test	IS 398 PART 2
40	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Conductors for Overhead Transmission Purposes: Aluminium Conductors Galvanized Steel Reinforced	Torsion Test	IS 398 PART 2
41	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Conductors for Overhead Transmission Purposes: Aluminium Conductors Galvanized Steel Reinforced	Uniformity of Zinc Coating	IS 2633
42	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Conductors for Overhead Transmission Purposes: Aluminium Conductors Galvanized Steel Reinforced	Wrapping Test	IS 398 PART 2

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43	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Conductors for Overhead Transmission Purposes: Aluminium Conductors Galvanized Steel Reinforced for Extra High Voltage (400 kV And Above)	Lay Ratio	IS 398 PART 5
44	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Conductors for Overhead Transmission Purposes: Aluminium Conductors Galvanized Steel Reinforced for Extra High Voltage (400 kV And Above)	Resistance Test	IS 398 PART 5
45	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Conductors for Overhead Transmission Purposes: Aluminium Conductors Galvanized Steel Reinforced for Extra High Voltage (400 kV And Above)	Tensile Strength/Breaking Load Test	IS 398 PART 5
46	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Conductors for Overhead Transmission Purposes: Aluminium Conductors Galvanized Steel Reinforced for Extra High Voltage (400 kV And Above)	Torsion Test	IS 398 PART 5
47	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Conductors for Overhead Transmission Purposes: Aluminium Conductors Galvanized Steel Reinforced for Extra High Voltage (400 kV And Above)	Wrapping Test	IS 398 PART 5
48	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Conductors for Overhead Transmission Purposes: Aluminium Conductors Galvanized Steel Reinforced for Extra High Voltage(400 kV And Above)	Uniformity of Zinc Coating	IS 2633
49	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Conductors for Overhead Transmission Purposes: Aluminium Conductors Galvanized Steel Reinforced for Extra High Voltage?(400 kV And Above)	Mass of Zinc Testing	IS 6745
50	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Conductors for Overhead Transmission Purposes: Aluminium Stranded Conductors	Lay Ratio	IS 398 PART 1
51	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Conductors for Overhead Transmission Purposes: Aluminium Stranded Conductors	Resistance Test	IS 398 PART 1
52	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Conductors for Overhead Transmission Purposes: Aluminium Stranded Conductors	Wrapping Test	IS 398 PART 1