National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : STERLITE POWER TRANSMISSION LTD- TESTING LABORATORY, BHURKHAMUNDA, PO: KALIMANDIR ROAD, JHARSUGUDA, ODISHA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5408 **Page No** 1 of 3

Validity 29/01/2022 to 28/01/2024 **Last Amended on** -

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- METALLIC COATINGS & TREATMENT SOLUTIONS	Galvanized Steel Wire	Mass of Zinc of Coating	IS 6745
2	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Galvanized Steel Wire	Uniformity of Zinc Coating	IS 2633
3	CHEMICAL- METALS & ALLOYS	Aluminium and Aluminium Alloys	Chemical Analysis -Si	ASTM-E1251
4	CHEMICAL- METALS & ALLOYS	Aluminium and Aluminium Alloys	Chemical Analysis-Cu	ASTM-E1251
5	CHEMICAL- METALS & ALLOYS	Aluminium and Aluminium Alloys	Chemical Analysis-Fe	ASTM-E1251
6	CHEMICAL- METALS & ALLOYS	Aluminium and Aluminium Alloys	Chemical Analysis-Mg	ASTM E1251
7	CHEMICAL- METALS & ALLOYS	Aluminium and Aluminium Alloys	Chemical Analysis-Ti	ASTM-E1251
8	CHEMICAL- METALS & ALLOYS	Aluminium and Aluminium Alloys	Chemical Analysis-V	ASTM-E1251
9	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Aluminium & Aluminium Alloy Conductor & Wire/Rod	DC Resistance	IS 398 Part I Clause 12.5
10	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Aluminium and Aluminium Alloys Conductor & Wire/Rod	DC Resistance	IS 398 Part II Clause 13.6
11	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Aluminium and Aluminium Alloys Conductor & Wire/Rod	DC Resistance	IS 398 Part IV Clause 12.4
12	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Aluminium and Aluminium Alloys Conductor & Wire/Rod	DC Resistance	IS 398 Part V Clause 13.8
13	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium and Aluminium Alloys Conductor & Wire/Rod	Breaking Load	IS 398 Part I
14	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium and Aluminium Alloys Conductor & Wire/Rod	Diameter	IS 398 Part I
15	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium and Aluminium Alloys Conductor & Wire/Rod	Diameter	IS 398 Part II

SCOPE OF ACCREDITATION

Laboratory Name : STERLITE POWER TRANSMISSION LTD- TESTING LABORATORY, BHURKHAMUNDA, PO: KALIMANDIR ROAD, JHARSUGUDA, ODISHA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5408 **Page No** 2 of 3

Validity 29/01/2022 to 28/01/2024 **Last Amended on** -

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
16	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminium and Aluminium Alloys Conductor & Wire/Rod	Diameter	IS 398 Part IV
17	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminium and Aluminium Alloys Conductor & Wire/Rod	Diameter	IS 398 Part V
18	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminium and Aluminium Alloys Conductor & Wire/Rod	Lay Ratio	IS 398 Part I
19	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminium and Aluminium Alloys Conductor & Wire/Rod	Lay Ratio	IS 398 Part II
20	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminium and Aluminium Alloys Conductor & Wire/Rod	Lay Ratio	IS 398 Part IV
21	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminium and Aluminium Alloys Conductor & Wire/Rod	Lay Ratio	IS 398 Part V
22	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminium and Aluminium Alloys Conductor & Wire/Rod	Tensile (Breaking Load)	IS 398 Part I
23	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminium and Aluminium Alloys Conductor & Wire/Rod	Tensile (Breaking Load)	IS 398 Part II
24	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminium and Aluminium Alloys Conductor & Wire/Rod	Tensile (Breaking Load)	IS 398 Part IV
25	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminium and Aluminium Alloys Conductor & Wire/Rod	Tensile (Breaking Load)	IS 398 Part V
26	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminium and Aluminium Alloys Conductor & Wire/Rod	Wrapping	IS 398 Part II
27	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminium wire	Diameter	IS 398 Part IV
28	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Galvanized Steel Core/Wire	%Elongation	IS 398 Part IV
29	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Galvanized Steel Core/Wire	Diameter	IS 398 Part II

SCOPE OF ACCREDITATION

Laboratory Name : STERLITE POWER TRANSMISSION LTD- TESTING LABORATORY, BHURKHAMUNDA, PO: KALIMANDIR ROAD, JHARSUGUDA, ODISHA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5408 **Page No** 3 of 3

Validity 29/01/2022 to 28/01/2024 **Last Amended on** -

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
30	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Galvanized Steel Core/Wire	Diameter	IS 398 Part V
31	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Galvanized Steel Core/Wire	Elongation	IS 398 Part II
32	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Galvanized Steel Core/Wire	Elongation	IS 398 Part V
33	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Galvanized Steel Core/Wire	Lay Ratio	IS 398 Part II
34	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Galvanized Steel Core/Wire	Lay Ratio	IS 398 Part V
35	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Galvanized Steel Core/Wire	Tensile (Breaking Load)	IS 398 Part V
36	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Galvanized Steel Core/Wire	Tensile(Breaking Load)	IS 398 Part II
37	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Galvanized Steel Core/Wire	Torsion	IS 398 Part II
38	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Galvanized Steel Core/Wire	Torsion	IS 398 Part V
39	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Galvanized Steel Core/Wire	Wrapping	IS 398 Part II
40	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Galvanized Steel Core/Wire	Wrapping	IS 398 Part V