National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : TRANSMISSION LINE TOWER MANUFACTURING UNIT LARSEN & TOUBRO LABORATORY, L & T CONSTRUCTION, 103 MAILAM ROAD, SEDARAPET, PUDUCHERRY, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10149 **Page No** 1 of 1

Validity 21/12/2021 to 20/12/2023 **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	Transmission Line Tower Parts	Adhesion of Zinc Coating	IS 2629
2	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Transmission Line Tower Parts	Galvanizing Coating Thickness	IS 3203
3	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Transmission Line Tower Parts	Mass of Zinc Coating	IS 6745
4	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Transmission Line Tower Parts	Uniformity of coating	IS 2633
5	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steels	Carbon	IS 8811
6	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steels	Manganese	IS 8811
7	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steels	Phosphorus	IS 8811
8	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steels	Silicon	IS 8811
9	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steels	Sulphur	IS 8811
10	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Transmission Line Tower Members (Structural Steels)	% of Elongation	IS 1608 (Part 1)
11	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Transmission Line Tower Members (Structural Steels)	Bend Test	IS 1599
12	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Transmission Line Tower Members (Structural Steels)	Charpy Impact Test (V-Notch)	IS 1757 (Part 1)
13	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Transmission Line Tower Members (Structural Steels)	Tensile Strength	IS 1608 (Part 1)
14	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Transmission Line Tower Members (Structural Steels)	Yield Strength	IS 1608 (Part 1)