National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY ASSURANCE LABORATORY, TATA STEEL LIMITED, PITHAMPUR WIRE PLANT, PLOT NO.158, DHAR, MADHYA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7708 **Page No** 1 of 2

Validity 02/12/2022 to 01/12/2024 **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	MECHANICAL-MECHANICAL PROPERTIES OF METALS	7 Wire LRPC Strand	Mass per metre	BS-EN- ISO 15630-3
2	MECHANICAL-MECHANICAL PROPERTIES OF METALS	7 Wire LRPC Strand	Lay Length	BS-EN-ISO- 15630-3
3	MECHANICAL-MECHANICAL PROPERTIES OF METALS	7 Wire LRPC Strand	Modulus of Elasticity	BS-EN-ISO 15630-3
4	MECHANICAL-MECHANICAL PROPERTIES OF METALS	7 Wire LRPC Strand	Straightness	BS-EN-ISO 15630-3
5	MECHANICAL-MECHANICAL PROPERTIES OF METALS	7 Wire LRPC Stand	BREAKING LOAD	IS 1608 part-1
6	MECHANICAL-MECHANICAL PROPERTIES OF METALS	7 Wire LRPC Strand	Relaxation Test - For 1000Hours	ASTM-A1061/A1061M
7	MECHANICAL-MECHANICAL PROPERTIES OF METALS	7 Wire LRPC Strand	% Difference of Core and Outer Wire	IS-14268
8	MECHANICAL-MECHANICAL PROPERTIES OF METALS	7 Wire LRPC Strand	% Elongation at fracture	IS-14268
9	MECHANICAL-MECHANICAL PROPERTIES OF METALS	7 Wire LRPC Strand	% Total elongation at fracture	ASTM-A1061/A1061M
10	MECHANICAL-MECHANICAL PROPERTIES OF METALS	7 Wire LRPC Strand	% Total Elongation at fracture	BS-EN-ISO 15630-3
11	MECHANICAL-MECHANICAL PROPERTIES OF METALS	7 Wire LRPC Strand	0.1 % Proof Load	ISO 6892 Part-1
12	MECHANICAL-MECHANICAL PROPERTIES OF METALS	7 wire LRPC Strand	0.2 % proof Load	IS 1608 part-1
13	MECHANICAL-MECHANICAL PROPERTIES OF METALS	7 Wire LRPC Strand	Force Ratio	BS 5896

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14	MECHANICAL-MECHANICAL PROPERTIES OF METALS	7 Wire LRPC Strand	Lay Length	IS-14268
15	MECHANICAL-MECHANICAL PROPERTIES OF METALS	7 Wire LRPC Strand	Load 1% Extension	ASTM-A1061/A1061M
16	MECHANICAL-MECHANICAL PROPERTIES OF METALS	7 Wire LRPC Strand	Load at 1% Extension	IS-14268
17	MECHANICAL-MECHANICAL PROPERTIES OF METALS	7 Wire LRPC Strand	Modulus of Elasticity	IS 1608 part-1
18	MECHANICAL-MECHANICAL PROPERTIES OF METALS	7 Wire LRPC Strand	Nominal Cross Sectional Area	IS-14268
19	MECHANICAL-MECHANICAL PROPERTIES OF METALS	7 Wire LRPC Strand	Nominal diameter	IS-14268
20	MECHANICAL-MECHANICAL PROPERTIES OF METALS	7 Wire LRPC Strand	Nominal Mass of Strand	IS-14268
21	MECHANICAL-MECHANICAL PROPERTIES OF METALS	7 Wire LRPC Strand	Relaxation Test - For 100 Hours	IS-14268
22	MECHANICAL-MECHANICAL PROPERTIES OF METALS	7 Wire LRPC Strand	Relaxation Test - For 1000 Hours	BS-EN-ISO 15630-3
23	MECHANICAL-MECHANICAL PROPERTIES OF METALS	7 Wire LRPC Strand	Relaxation Test - For 1000Hours	IS-14268
24	MECHANICAL-MECHANICAL PROPERTIES OF METALS	7 Wire LRPC Strand	Relaxation Test - For 120 Hours	BS-EN-ISO 15630-3
25	MECHANICAL-MECHANICAL PROPERTIES OF METALS	7 Wire LRPC Strand	Relaxation Test - For 200 Hours	ASTM-A1061/A1061M
26	MECHANICAL-MECHANICAL PROPERTIES OF METALS	7 Wire LRPC Strand	Tensile Strength	ISO 6892-1