National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY ASSURANCE LABORATORY, TARAPUR WIRE PLANT - II, TATA STEEL - WIRE DIVISION, A-6, TARAPUR INDUSTRIAL AREA, M.I.D.C., BOISAR, PALGHAR, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6636 **Page No** 1 of 3

Validity 06/12/2021 to 05/12/2023 **Last Amended on** 14/12/2021

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	MECHANICAL-MECHANICAL PROPERTIES OF METALS	7 Wire LRPC Strand	0.1% Proof Load	ISO 15630-3
2	MECHANICAL-MECHANICAL PROPERTIES OF METALS	7 Wire LRPC Strand	0.2% Proof Load	IS 1608 (Part1)
3	MECHANICAL-MECHANICAL PROPERTIES OF METALS	7 Wire LRPC Strand	Breaking Load	A1061/A1061M
4	MECHANICAL-MECHANICAL PROPERTIES OF METALS	7 Wire LRPC Strand	Breaking Load	IS 1608 (Part 1)
5	MECHANICAL-MECHANICAL PROPERTIES OF METALS	7 Wire LRPC Strand	Breaking Load	ISO 15630-3
6	MECHANICAL-MECHANICAL PROPERTIES OF METALS	7 Wire LRPC Strand	Cross Sectional Area	A1061/A1061M
7	MECHANICAL-MECHANICAL PROPERTIES OF METALS	7 Wire LRPC Strand	Cross Sectional Area	IS 14268
8	MECHANICAL-MECHANICAL PROPERTIES OF METALS	7 Wire LRPC Strand	Cross Sectional Area	ISO 15630-3
9	MECHANICAL-MECHANICAL PROPERTIES OF METALS	7 Wire LRPC Strand	Diameter	A1061/A1061M
10	MECHANICAL-MECHANICAL PROPERTIES OF METALS	7 Wire LRPC Strand	Diameter	IS 14268
11	MECHANICAL-MECHANICAL PROPERTIES OF METALS	7 Wire LRPC Strand	Diameter	ISO 15630-3
12	MECHANICAL-MECHANICAL PROPERTIES OF METALS	7 Wire LRPC Strand	Difference of Core and Outer Wire	A1061/A1061M
13	MECHANICAL-MECHANICAL PROPERTIES OF METALS	7 Wire LRPC Strand	Difference of Core and Outer Wire	IS 14268

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Validity 06/12/2021 to 05/12/2023 **Last Amended on** 14/12/2021

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
14	MECHANICAL-MECHANICAL PROPERTIES OF METALS	7 Wire LRPC Strand	Difference of Core and Outer Wire	ISO 15630-3
15	MECHANICAL-MECHANICAL PROPERTIES OF METALS	7 Wire LRPC Strand	Elongation	A1061/A1061M
16	MECHANICAL-MECHANICAL PROPERTIES OF METALS	7 Wire LRPC Strand	Elongation	IS 14268
17	MECHANICAL-MECHANICAL PROPERTIES OF METALS	7 Wire LRPC Strand	Elongation	ISO 15630-3
18	MECHANICAL-MECHANICAL PROPERTIES OF METALS	7 Wire LRPC Strand	Force / Stress Ratio	ISO 15630-3
19	MECHANICAL-MECHANICAL PROPERTIES OF METALS	7 Wire LRPC Strand	Lay Length	A1061/A1061M
20	MECHANICAL-MECHANICAL PROPERTIES OF METALS	7 Wire LRPC Strand	Lay Length	IS 14268
21	MECHANICAL-MECHANICAL PROPERTIES OF METALS	7 Wire LRPC Strand	Lay Length	ISO 15630-3
22	MECHANICAL-MECHANICAL PROPERTIES OF METALS	7 Wire LRPC Strand	Load at 1% Extension	A1061/A1061M
23	MECHANICAL-MECHANICAL PROPERTIES OF METALS	7 Wire LRPC Strand	Load at 1% Extension	IS 14268
24	MECHANICAL-MECHANICAL PROPERTIES OF METALS	7 Wire LRPC Strand	Mass per metre	ISO 15630-3
25	MECHANICAL-MECHANICAL PROPERTIES OF METALS	7 Wire LRPC Strand	Modulus of Elasticity	A1061/A1061M
26	MECHANICAL-MECHANICAL PROPERTIES OF METALS	7 Wire LRPC Strand	Modulus of Elasticity	IS 1608 Part 1
27	MECHANICAL-MECHANICAL PROPERTIES OF METALS	7 Wire LRPC Strand	Modulus of Elasticity	ISO 15630-3

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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
28	MECHANICAL-MECHANICAL PROPERTIES OF METALS	7 Wire LRPC Strand	Nominal Mass of Strand	A1061/A1061M
29	MECHANICAL-MECHANICAL PROPERTIES OF METALS	7 Wire LRPC Strand	Nominal Mass of Strand	IS 14267
30	MECHANICAL-MECHANICAL PROPERTIES OF METALS	7 Wire LRPC Strand	Relaxation Test - For 100 Hours	A1061/A1061M
31	MECHANICAL-MECHANICAL PROPERTIES OF METALS	7 Wire LRPC Strand	Relaxation Test - For 100 Hours	IS 14268
32	MECHANICAL-MECHANICAL PROPERTIES OF METALS	7 Wire LRPC Strand	Relaxation Test - For 1000 Hours	A1061/A1061M
33	MECHANICAL-MECHANICAL PROPERTIES OF METALS	7 Wire LRPC Strand	Relaxation Test - For 1000 Hours	IS 14268
34	MECHANICAL-MECHANICAL PROPERTIES OF METALS	7 Wire LRPC Strand	Relaxation Test - For 1000 Hours	ISO 15630-3
35	MECHANICAL-MECHANICAL PROPERTIES OF METALS	7 Wire LRPC Strand	Relaxation Test - For 120 Hours	ISO 15630-3
36	MECHANICAL-MECHANICAL PROPERTIES OF METALS	7 Wire LRPC Strand	Straightness	ISO 15630-3
37	MECHANICAL-MECHANICAL PROPERTIES OF METALS	7 Wire LRPC Strand	Tensile Strength	ISO 17630-3