

Laboratory Quality Assurance Laboratory, TATA Steel Limited, Pithampur Wire Plant, Plot No. 158, Sector-3, Industrial Area, Distt. Dhar, Madhya Pradesh

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number TC-7708 (in lieu of T-3161)

Page 1 of 1

Validity 24.10.2018 to 23.10.2020

Last Amended on --

Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
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**MECHANICAL TESTING**

I.	<b>MECHANICAL PROPERTIES OF MOTELS</b>			
1.	<b>Uncoated Stress Relieved Low Relaxation Seven Ply strand for Pre-stressed Concrete</b>	Breaking Strength	IS 14268 IS 1608	10 KN to 400 kN
		0.2% Proof Load /Yield Strength	IS14268 IS 1608	10 KN to 400 kN
		Elongation	IS14268:2017 IS 1608:2005	1 % to 20 %
		Measurement of Wire Diameter	IS 14268:2017	2.50 mm to 25 mm
		Vertical Relaxation	IS 14268:2017 BS 5896-2012 ASTM-A416	Ch -1/2/3/4/5: 1060 kg to 18860 kg