

Laboratory **Qualcon Laboratories Pvt. Ltd., 35A/1-2, Erandawana, Karve Road, Pune, Maharashtra**

Accreditation Standard **ISO/IEC 17025: 2005**

Certificate Number **TC-7034**

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Validity **16.03.2018 to 15.03.2020**

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.	BUILDING MATERIALS			
1.	Concrete	Compressive strength	IS 516: 1959 (RA 2013)	5 N/mm ² to 70 N/mm ²
II.	MECHANICAL PROPERTIES OF METALS			
1.	Reinforcing Steel	Ultimate tensile strength	IS 1608:2005 (RA 2017)	100 N/mm ² to 1500 N/mm ²
		0.2% proof strength	IS 1608:2005 (RA 2017)	100 N/mm ² to 900 N/mm ²
		Yield Strength	IS 1608:2005 (RA 2017)	100 N/mm ² to 900 N/mm ²
		Elongation	IS 1608:2005 (RA 2017)	5 % to 50 %
		Weight per meter	IS 1786:2008 (RA 2013)	0.1 kg/m to 10 kg/m
		Bend	IS 1599:2012 (RA 2017)	Qualitative (Mandrel diameters: 12 mm, 16 mm, 18 mm, 20 mm, 24 mm, 30 mm, 32 mm, 36 mm, 40 mm, 48 mm, 60 mm, 64 mm, 75 mm, 80 mm, 96 mm, 100 mm, 125 mm, 128 mm, 160 mm)