

Laboratory QC Laboratory, Kashmir ISPAT, SIDCO Industrial Complex, Lane-4,  
Phase-2, Bari Brahmana, Samba, Jammu and Kashmir

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number TC-8485

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Validity 04.05.2019 to 03.05.2021

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.	MECHANICAL PROPERTIES OF METALS			
1.	Reinforcement Steel Bar	Bend Test	IS 1599: 2012	Qualitative (Mandrel Diameter: 16, 20, 24, 30, 32, 36, 40, 48, 50, 60, 64, 66, 75, 80, 84, 88, 96, 100, 110, 112, 125, 128, 132, 140, 150, 160, 168, 192 mm)
		Elongation	IS 1608 (Part 1): 2018	4 % to 40 %
		Mass per meter	IS 1786: 2008	0.1 kg to 20 kg
		Tensile Strength	IS 1608 (Part 1): 2018	100 N/mm <sup>2</sup> to 1500 N/mm <sup>2</sup>
		Yield Strength	IS 1608 (Part 1): 2018	100 N/mm <sup>2</sup> to 1000 N/mm <sup>2</sup>

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