

Laboratory	Laboratory of Bundy India Limited, Plot-2, GIDC Makarpura, Vadodara, Gujarat		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Mechanical Testing	Issue Date	21.07.2015
Certificate Number	T-3511	Valid Until	20.07.2017
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S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
I. MECHANICAL PROPERTIES OF MATERIALS				
1.	Low carbon Steel automobile tubing	Tensile Test Yield Strength (YS) (Needle drop method) Ultimate Tensile Strength (UTS)	ASTM E8/ E8M-13a IS 1608: 2005	200 kgf/mm ² to 10000 kgf/mm ²
		% Elongation	ASTM E8/ E8M-13a IS 1608: 2005	2 % to 60 %
		Hot Water test	JASO M 104-86	Qualitative (20 °C to 90 °C)
		Inside surface cleanliness	IS 8119: 1976 (RA 2002)	10 mg/m ² to 200 mg/m ²
		Guarantee Pressure Test	JASO M 101-94	Qualitative (Upto 400 kg/cm ²)
		Static Bursting strength test	JASO M 101-94 JASO M 104-86	Qualitative (Upto 1500 kg/cm ²)
		Gravel Test	JASO M 104-86	Qualitative
		Flattening Test	IS 2328: 2005	Qualitative
		Bend Test	IS 2329: 2005	Qualitative (Mandrel dia: 10, 12, 15, 18, 24, 48 mm)
		Drift Expanding Test	IS 2335: 2005	Qualitative

