

**Laboratory**                      **Material Testing Laboratory of Senor Metals Pvt. Ltd., Plot -353, GIDC-II, Jamnagar, Gujarat**

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

**Discipline**                      **Mechanical Testing**                      **Issue Date**    **08.12.2014**

**Certificate Number**            **T-3233**                      **Valid Until**    **07.12.2016**

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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
<b>I. MECHANICAL PROPERTIES OF MATERIALS</b>				
<b>1.</b>	<b>Cu &amp; Cu Alloys</b>	UTS	IS 1608:2005	70 MPa to 1200 MPa
		0.2% Proof Stress	IS 1608:2005	60 MPa to 1100 MPa
		EI%	IS 1608:2005	0.5 % to 75 % (Upto 200 kN)
		UTS	IS 1608:2005	70 MPa to 1200 MPa
		EI%	IS 1608:2005	0.5 % to 75 % (Upto 5 kN)
		Vickers Hardness (5 kg Load)	IS 1501:2013 (Part 1)	70 HV5 to 250 HV5
		Rockwell Hardness	IS 1586:2012 (Part 1)	60 HRBW to 90 HRBW

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**Pooja Singh**  
Convenor

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Program Manager