

**Laboratory** Shanker Wire Products Industries - Calibration Laboratory, Kalirekha, B- Deoghar, Jharkhand  
**Accreditation Standard** ISO/IEC 17025: 2005  
**Discipline** Mechanical Calibration **Issue Date** 16.06.2014  
**Certificate Number** C-1082 **Valid Until** 15.06.2016  
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Quantity Measured/ Instrument	Range / Frequency	*Calibration Measurement Capability ( $\pm$ )	Remarks
<b>I. MASS</b>			
<b>1. WEIGHTS<sup>\$</sup> (M1,M2 &amp; M3 Class &amp; Other Weights)</b>	50 g	0.0010 g	Using Standard Weights of Class F1 & Precision Balances. By Substitution Method and ABBA Weighing Cycle as per OIMLR 111
	100 g	0.0010 g	
	200 g	0.0013 g	
	500 g	0.0085 g	
	1 kg	0.008 g	
	2 kg	0.0099 g	
	5 kg	0.08 g	
	10 kg	0.09 g	
	20 kg	0.13 g	
	50 kg	0.84 g	
<b>2. WEIGHTS<sup>\$</sup> (M2 &amp;M3 Class &amp; other Weights)</b>	100kg	2.9 g	Using Standard Weights of Class M1 & Precision Balances. By Substitution Method and ABBA Weighing Cycle as per OIMLR 111
	200 kg	3.9 g	
	500 kg	8.7 g	
	1000 kg	17.4 g	

\* Measurement Capability is expressed as an uncertainty ( $\pm$ ) at a confidence probability of 95%

<sup>\$</sup>Only in Permanent Laboratory