



# NABL

**Department of Science & Technology, India**

## SCOPE OF ACCREDITATION

**Laboratory** Weightronics Mass Calibration Laboratory, 9 C, Apparal Cum Industrial Area, Katha Bhatolikalan, Baddi, Himachal Pradesh

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

**Field** Mechanical Calibration

**Issue Date** 21.02.2011


**Certificate Number** C-0712

**Valid Until** 20.02.2013

**Last Amended on** -

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Quantity Measured / Instrument	Range/ Frequency	* Calibration Measurement Capability ( $\pm$ )	Remarks
<b>AT LAB MASS</b>			
<b>A. CALIBRATION OF WEIGHTS</b>			
	1000kg	50g	Using Standard Weights of M <sub>1</sub> Class ( 1000 kg to 100kg ) by substitution weighing method for whole range
	500kg	25g	
	200kg	10g	
	100kg	5g	
	50kg	80mg	Using F <sub>1</sub> Class ( 50 kg ) "ABA" Weighing cycle for range of 1000 kg to 20 kg
	20kg	9mg	Using E <sub>1</sub> Class ( 20 kg to 1 mg ) "ABBA" Weighing cycle for range of 10 kg to 1 mg
	10kg	4 mg	
	5kg	2 mg	
	2kg	0.7 mg	
	1kg	0.4 mg	
	500g	0.2 mg	
	200g	0.065 mg	
	100g	0.035 mg	
	50g	0.020 mg	
	20g	0.009 mg	
	10g	0.006 mg	
	5g	0.005 mg	
	2g	0.004 mg	
	1g	0.003 mg	
	500mg	0.002 5 mg	
	200mg	0.002 1 mg	
	100mg	0.002 1 mg	
	50mg	0.002 1 mg	
	20mg	0.002 1 mg	
	10mg	0.002 1 mg	
	5mg	0.002 1 mg	
	2mg	0.002 1 mg	
	1mg	0.002 1 mg	

  
Convenor