



NABL

SCOPE OF ACCREDITATION

Laboratory Weightronics Mass Calibration Laboratory (WMCL), D-46, Sector-4,
 DSIIDC Industrial Area, Bawana, New Delhi
Accreditation Standard ISO/IEC 17025:2005
Discipline Mechanical Calibration **Issue Date** 16.06.2016
Certificate Number C-1403 **Valid Until** 15.06.2018
Last Amended on 23.11.2016 **Page** 1 of 2

Quantity Measured / Instrument	Range/ Frequency	* Calibration Measurement Capability (\pm)	Remarks
I. WEIGHTS			
1. WEIGHT^s (Conventional mass) (E1 Class & Coarser)	1 mg	0.001 mg	Using Standards Weights of E1 Class (1 mg to 50 kg), and Weighing Balance (s) with Resolutions (s) of 0.1 μ g (6 g), By Sub Division Method as per OIML R-111
	2 mg	0.001 mg	
	5 mg	0.001 mg	
	10 mg	0.001 mg	
	20 mg	0.001 mg	
	50 mg	0.001 mg	
	100 mg	0.002 mg	
	200 mg	0.002 mg	
	500 mg	0.002 mg	
	1 g	0.003 mg	
	2 g	0.004 mg	
	5 g	0.005 mg	
	10 g	0.006 mg	
	20 g	0.009 mg	
	50 g	0.011 mg	
Weights (Conventional Mass) (M2 Class and Coarser)	100 kg	2 g	Using Standards Weights of M1 Class (100 kg to 1000 kg), and Weighing Balance (s) with Resolutions (s) of 1 g (100 kg), 5 g (200 kg), 10 g (500 kg), 20 g (1000 kg), By Substitution Method as per OIML R-111:2004
	200 kg	5 g	
	500 kg	15 g	
	1000 kg	25 g	
	1 kg	0.2 mg	
	2 kg	0.7 mg	
	5 kg	2 mg	
	10 kg	3 mg	
	20 kg	7 mg	
	50 kg	20 mg	

S. Kumar

Sangeeta Kunwar
Convenor

Avijit Das

Avijit Das
Program Manager