Laboratory	**Pulse Weighing Systems (Calibration Division),102, CTS No. 846, Rudra Apartment, Sadashiv Peth, Pune, Maharashtra**		
Accreditation Standard	**ISO/IEC 17025: 2005**		
Certificate Number	**CC-2675**	**Page**	**1 of 2**
Validity	**18.05.2018 to 17.05.2020**	**Last Amended on**	**-**

Sl.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (±)	Remarks
			MECHANICAL CALIBRATION	
I.	**WEIGHTS**			
1.	Mass- Weights$^\$$ M1 accuracy and coarser	1 mg 2 mg 5 mg 10 mg 20 mg 50 mg 100 mg 200 mg 500 mg 1g 2g 5g 10g 20g 50g 100g 200g	0.1 mg 0.1 mg 0.1 mg 0.1 mg 0.1 mg 0.1 mg 0.1 mg 0.1 mg 0.1 mg 0.1 mg 0.1 mg 0.1 mg 0.2 mg 0.2 mg 0.3 mg 0.3 mg 0.3 mg	Using E2 Class Weights and Balance of readability 0.1 mg as per OIML R-111 Using E2 Class Weights and Balance of readability 0.1 mg & Calibration of weights of class F2 accuracy and coarser as per OIML R-111
	F2 accuracy and coarser	500 g 1kg 2kg 5kg	10 mg 10 mg 10 mg 20 mg	Using F1 Class Weights and Balance of readability 10 mg as per OIML R - 111
	M12 accuracy and coarser	10kg 20kg	200 mg 300 mg	Using F1 Class weights and balance of readability 100 mg as per OIML R - 111

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Shally Sharma
Convenor

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Avijit Das
Program Director

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SI.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (±)	Remarks
II.	**WEIGHING SCALE AND BALANCE**			
1.	Electronic Weighing Balances♣			Using E2 Class Weights (1 mg to 200 g) & Calibration of Electronic Weighing Balance of Class 1 and coarser as per OIML R - 76-1
	Readability 0.01mg	0 to 100 g	0.2 mg	
	Readability 0.1 mg	0 to 200g	0.62 mg	
	Readability 1 mg	0 to 1000 g	1.3 mg	Using F1 Class Weights (500 g to 20 kg) & Calibration of Electronic Weighing Balance of Class II and coarser as per OIML R 76-1
	Readability 10 mg	0 to 10 kg	13 mg	
	Readability 100 mg	0 to 25 kg	100 mg	
	Readability 1 mg	0 to 60kg	2 g	
	Readability 5 g	0 to 100 kg	6.5 g	
	Readability 10 g	0 to 500 kg	18 g	Using M1 Class Weights (20 g to 25 kg) & Calibration of Electronic Weighing Balance of Class III and coarser as per OIML R 76-1
	Readability 100g	0 to 500 kg	83 g	

* Measurement Capability is expressed as an uncertainty (±) at a confidence probability of 95%
$Only in Permanent Laboratory
♣Only for Site Calibration

Shally Sharma	**Avijit Das**
Convenor	**Program Director**