Sl.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (±)	Remarks
			MECHANICAL CALIBRATION	
I.	**VOLUME**			
1.	Glass Burette$^\$$	10 ml to 100 ml	0.004 ml	Using Standard Weights (E2 Class) and Digital Balance Up to 200g and readability 0.1 mg Standard Weights, Digital Precision Balances and distilled water of known density as per ISO 4787 & ISO/TR 20461
2.	Volumetric Pipettes$^\$$	1 ml to 10 ml >10 ml to 100 ml	0.003 ml 0.004 ml	Using Standard Weights (E2 Class) and Digital Balance Up to 200g and readability 0.1 mg Standard Weights, Digital Precision Balances and distilled water of known density as per ISO 4787 & ISO/TR 20461
3.	Graduated Pipettes$^\$$	0.1 ml to 1 ml >1 ml to 10 ml >10 ml to 25 ml	0.001 ml 0.002 ml 0.003 ml	Using Standard Weights (E2 Class) and Digital Balance Up to 200g and readability 0.1 mg Standard Weights, Digital Precision Balances and distilled water of known density as per ISO 4787 & ISO/TR 20461

Battal Singh
Convenor

Avijit Das
Program Director

Laboratory	Calibration Laboratory, Glassco Laboratory Equipments Pvt. Ltd., P.O. Khudda Kalan, Manglai, Ambala Cantt., Haryana		
Accreditation Standard	**ISO/IEC 17025: 2005**		
Certificate Number	**CC-2521** *(in lieu of C-0610)*	**Page**	**2 of 2**
Validity	**01.03.2018 to 29.02.2020**	**Last Amended on**	**-**

Sl.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (±)	Remarks
4.	Volumetric Flasks/Measuring Cylinder$	1 ml to 5 ml >5 ml to 200 ml >200 ml to 250 ml >250 ml to 500 ml >500 ml to 2000 ml >2000 ml to 5000 ml	0.001 ml 0.018 ml 0.02 ml 0.03 ml 0.04 ml 0.26 ml	Using Standard Weights (E2 and M1Class) and Digital Balance Up to 200 g and readability 0.1 mg, Up to 1000 g and readability 1 mg and Up to 10 kg and readability 100 mg Standard Weights, Digital Precision Balances and distilled water of known density as per ISO 4787 & ISO/TR 20461
5.	Density Bottle/ Pyconometer$	1 ml to 100 ml	0.002 ml	Using Standard Weights (E2 Class) and Digital Balance Up to 200g and readability 0.1 mg

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

Battal Singh	**Avijit Das**
Convenor	**Program Director**