

Laboratory Calibration Lab, Narindra Scientific Industries, 1085/5, Kanta Complex, Old Allu Godown, Ambala Cantt, Haryana

Accreditation Standard ISO/IEC 17025:2005

Discipline Mechanical Calibration Issue Date 26.11.2015

Certificate Number C-1001 Valid Until 25.11.2017

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Quantity Measured / Instrument	Range/ Frequency	* Calibration Measurement Capability (\pm)	Remarks
I. DENSITY			
1. DENSITY HYDROMETERS ^{\$} L.C.: 0.0005 g / ml	0.600 g/ml to 1.050 g/ml	0.0008 g/ml	Using Standard Hydrometer and Liquids of Known Densities. (Part) based on IS 3104 and ASTM – 126-05
2. SPECIFIC GRAVITY HYDROMETER ^{\$}	1.000 Sp.gr to 1.800 Sp.gr	0.001 Sp.gr	Using Standard Hydrometer and Liquids of Known Densities. (Part) based on IS 3104 and ASTM – 126-05
3. BRIX HYDROMETER ^{\$}	0.0 °Bx to 70.00 °Bx	0.18 °Bx	Using Standard Hydrometer and Liquids of Known Densities. based on IS 7324:1983
4. BAUME HYDROMETER ^{\$}	0.0 °Bc to 70.0 °Bc	0.15 °Bc	Using Standard Hydrometer and Liquids of Known Densities. based on IS 1255: 1988
5. ALCOHOLMETER ^{\$}	(0 v/v to 100 v/v)%	1.0 v/v %	Using Standard Hydrometer and Liquids of Known Densities. Based on IS 3608 : 1987
6. SIKES HYDROMETER ^{\$}	0 °Sk to 100 °Sk	0.61 °Sk	Using Standard Hydrometer and Liquids of Known Densities. Based on IS 3608 : 1987

Ranjith Kumar
Convenor

Avijit Das
Program Manager

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7. LACTOMETERS ^{\$}	0 to 40	0.001	Using Standard Hydrometer and Liquids of Known Densities based on IS 9585:1980
8. TWADDLE HYDROMETER ^{\$}	0 °Tw to 174 °Tw	0.22 °Tw	Using Standard Hydrometer and Liquids of Known Densities based on IS 3104
II. VOLUME			
1. PIPETTE ^{\$}	0.1 ml to 100 ml	0.01 ml	Using Standard Balance, Distilled water of Known Densities and Standard Weights (F2 Class) based on ISO 4787
2. BURETTE ^{\$}	1 ml to 25 ml >25 ml to 50 ml >50 ml to 100 ml	0.01 ml 0.01 ml 0.01 ml	Using Standard Balance, Distilled water of Known Densities and Standard Weights (F2 Class) based on ISO 4787
3. MEASURING CYLINDER, VOLUMETRIC FLASK AND BEAKERS ^{\$}	1 ml to 100 ml >100 ml to 250 ml >250 ml to 500 ml >500 ml to 1000 ml >1000 ml to 2000 ml >2000 ml to 5000 ml	0.05 ml 0.05 ml 0.015 ml 0.2 ml 0.5 ml 2.0 ml	Using Standard Balance, Distilled water of Known Densities and Standard Weights (F2 Class) based on ISO 4787

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

^{\$}Only in Permanent Laboratory

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