Laboratory	**Auto Instrument Calibration Laboratory, Prasanna Apartment, Office No. 2, J.M. Road, Shivajinagar, Pune, Maharashtra**		
Accreditation Standard	**ISO/IEC 17025:2005**		
Discipline	**Mechanical Calibration**	**Issue Date**	**22.04.2016**
Certificate Number	**C-0279**	**Valid Until**	**21.04.2018**
Last Amended on	**16.06.2016**	**Page**	**1 of 2**

	Quantity Measured / Instrument	Range/ Frequency	* Calibration Measurement Capability (±)	Remarks
I.	**PRESSURE INDICATING DEVICES**			
I.	**PNEUMATIC PRESSURE DIAL/DIGITAL PRESSURE GAUGE/ PRSSURE TERANSMITTER[#] (Analog/Digital)**	10 mbar to 1000 mbar 0.1 kg/cm² to 7 kg/cm²	1.35 mmWC/mbar 0.0049 kg/cm²	Using Digital Pressure Calibrator as per by Comparison Method as per DKD-R6-1
2.	**HYDRAULIC PRESSURE DIAL/DIGITAL PRESSURE /INDICATOR GAUGE /PRESSURE TRANSDUCER/PRESSURE TRANSMITTER[#]**	7 kg/cm² to 70 kg/cm² 70 kg/cm² to 700 kg/cm²	0.042 kg/cm² 1.1 kg/cm²	Using Digital Pressure Calibrator as per by Comparison Method as per DKD-R6-1
3.	**VACUUM - DIAL/DIGITAL VACUUM GAUGE/VACUUM TRANSMITTER[$]**	-670 mmHg to 0 mmHg	0.91 mmHg	Using Digital Vacuum Indicator by Comparison Method as per DKD-R6-1
II.	**ACCOUSTICS**			
1.	**SOUND[$]**	**1 kHz**		
	(Frequency)	94 dB 114 dB	0.79 dB 0.79 dB	Using Sound Level Calibrator, b & k by Comparison Method as per OIML-R-58
III.	**WEIGHTS**			
1.	**MASS[$]**	1 mg	0.10 mg	Using F1 Class Weights and Micro Balance, Substitution Method as per OILM R 111: 2004
	Weights	2 mg	0.10 mg	
	(M1 and Coarser)	5 mg	0.10 mg	
		10 mg	0.10 mg	
		20 mg	0.15 mg	
		50 mg	0.15 mg	
		100 mg	0.15 mg	
		200mg	0.15 mg	
		500mg	0.15 mg	

Sangeeta Kunwar
Convenor

Avijit Das
Program Manager

	Quantity Measured / Instrument	Range/ Frequency	* Calibration Measurement Capability (±)	Remarks
	MASS[$]	1 g	0.20 mg	
	Weights	2 g	0.20 mg	
	(M1 and Coarser)	5 g	0.20 mg	
		10 g	0.20 mg	
		20 g	0.30 mg	
		50 g	0.30 mg	
		100 g	0.50 mg	
		200g	0.50 mg	
	M3 & Coarser	500 g	0.08 g	Using F1 Class Weights and Electronics balance and Substitution Method as per OILM R 111:2004
		1 kg	0.08 g	
		2 kg	0.08 g	
		5 kg	0.10 g	
		10 kg	1.50 g	
		20 kg	5.00 g	
IV.	**WEIGHING SCALE AND BALANCE**			
1.	**WEIGHING BALANCE[#]**			
	Readability: 0.1 mg & Coarser	1 mg to 200 g	0.5 mg	Using F1 Class Standard Weights & Calibration of Electronic Weighing Balance of Class I and Coarser as per OIML R-76-1: 2006
	Readability: 100 mg & Coarser	>200 g to 6 kg	100 mg	Using F1 Class Standard Weights & Calibration of Electronic Weighing Balance of Class II and Coarser as per OIML R-76-1: 2006
	Readability: 1 g & Coarser	>6 to 30 kg	1.5 g	

*** Measurement Capability is expressed as an uncertainty (±) at a confidence probability of 95%**
[$]Only in Permanent Laboratory
[#]The laboratory is also capable for site calibration however, the uncertainty at site depends on the prevailing actual environmental conditions and master equipment used.

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Convenor

Avijit Das
Program Manager