

Laboratory Krishna Calibration, 0/41/3, Sarkhej, Ahmedabad, Gujarat
Accreditation Standard ISO/IEC 17025:2005
Discipline Mechanical Calibration **Issue Date** 20.10.2014
Certificate Number C-1147 **Valid Until** 19.10.2016
Last Amended on - **Page** 1 of 1

Quantity Measured / Instrument	Range/ Frequency	* Calibration Measurement Capability (\pm)	Remarks
I. PRESSURE & VACUUM			
1. <u>PRESSURE PNEUMATIC</u>			
DIAL AND DIGITAL PRESSURE GAUGES, PRESSURE TRANSMITTERS[#]	0 to 1000 mmWc 0 to 20 kg/cm ²	5.78 mmWc 0.082 kg/cm ²	Using Digital Pressure Indicator with Pump as per DKD-R6-1 by Comparison Method
2. <u>PRESSURE HYDRAULIC</u>			
DIAL AND DIGITAL PRESSURE GAUGES, PRESSURE TRANSMITTERS[#]	0 to 70 kg/cm ² 70 kg/cm ² to 200 kg/cm ²	0.082 kg/cm ² 0.66 kg/cm ²	Using Digital Pressure Indicator with pump as per DKD-R6-1 by Comparison Method
II. RPM			
1. NON CONTACT TYPE[#]			
	10 RPM to 5000 RPM	3.0 RPM	Using Non Contact Type IR Tachometer by Comparison Method
	5000 RPM to 13000 RPM	8.5 RPM	
	13000 RPM to 35000 RPM	21 RPM	

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

[#]The laboratory is also capable for site calibration however, the uncertainty at site depends on the prevailing actual environmental conditions and master equipment used.

Bibin Philip
 Convenor

Avijit Das
 Program Manager