Laboratory	**Syscon Calibration Centre Pvt. Ltd., Plot No.66, Keonics Electronics City, Hosur Road, Bangalore, Karnataka**		
Accreditation Standard	**ISO/IEC 17025:2005**		
Discipline	**Mechanical Calibration**	**Issue Date**	**03.02.2015**
Certificate Number	**C-0676**	**Valid Until**	**02.02.2017**
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	Quantity Measured / Instrument	Range/ Frequency	* Calibration Measurement Capability (±)	Remarks
I.	**PRESSURE & VACUUM**			
1.	**HYDRAULIC PRESSURE**			
a.	**DIGITAL / ANALOG PRESSURE INDICATING DEVICES[$]**	0.1 MPa to 70 MPa	0.08 % rdg	Using Hydraulic Dead Weight Tester
b.	**DIGITAL / ANALOG PRESSURE INDICATING DEVICES[♣]**	0 to 600 bar	1.25 bar	Using Digital Pressure Indicator with Sensor & using oil based Enarpac Hydraulic Comparator Pump
2.	**PNEUMATIC PRESSURE**			
a.	**DIFFEENTIAL SENSOR OF AIR LEAK TESTER[#]**	0 to 2000 Pa	4.0 Pa	Using Super Penguin II Air Leak Tester (DP)
b.	**GAUGE SENSOR OF AIR LEAK TESTER[#]**	0 to 800 kPa	1.6 kPa	Using Super Penguin II Air Leak Tester (GP)
c.	**DIFFERENTIAL PRESSURE / VACUUM SENSORS[$]**	± 10 kPa	0.038 kPa	Using Digital Manometer
d.	**DIGITAL / ANALOGUE PRESSURE INDICATING DEVICES[♣]**	0 to 20 bar	0.04 bar	Using Digital Pressure Calibrator (TRAQC 7)

Naveen Jangra
Convenor

Avijit Das
Program Manager

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	Quantity Measured / Instrument	Range/ Frequency	* Calibration Measurement Capability (±)	Remarks
e.	**DIGITAL / ANALOGUE VACUUM GAUGES[♣]**	0 to (-) 630 mmHg	0.79 % rdg	Using Digital Pressure Calibrator (TRAQC 7)
II.	**DIMENSION**			
1.	**ELECTRONIC SENSORS[$] (LVDT) L.C. 10 µm[Φ]**	0 to 50 mm	7 µm	Using Digital Micrometer Head By Direct/Comparison Method
2.	**DIAL GAUGES[$] L.C. 10 µm[Φ]**	Upto 10 mm	6 µm	Using Digital Micrometer Head By Direct/Comparison Method As per IS 2092
3.	**FEELER GAUGES[$]**	Upto 1 mm	2.2 µm	Using Digital Micrometer By Direct/Comparison Method

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

[$]Only in Permanent Laboratory
[♣]Only for Site Calibration
[Φ] Laboratory can also calibrate instruments/devices of coarser resolution / least count within the accredited range using same reference standard/ master equipment under the scope of accreditation.
[#] The laboratory is also capable for site calibration however, the uncertainty at site depends on the prevailing actual environmental conditions and master equipment used.

Naveen Jangra
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Avijit Das
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