

Laboratory Yuva Engineering, 7, Chirag Apt., 2<sup>nd</sup> Floor, Santoshi Mata Mandir Road, Kalyan (West), Maharashtra

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number CC- 2672

Page

1 of 2

Validity 18.05.2018 to 17.05.2020

Last Amended on -

Sl.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability ( $\pm$ )	Remarks
<b><u>MECHANICAL CALIBRATION</u></b>				
<b>I.</b>	<b>PRESSURE INDICATING DEVICES</b>			
1.	Dial & Digital Pressure Gauges, Pressure Transmitters <sup>#</sup>	0 to 35 bar	0.03 bar	Using Digital Pressure Indicator with Pneumatic Pump by Comparison method based on DKD-R-6-1
2.	Dial & Digital Pressure Gauges, Pressure Transmitters <sup>#</sup>	0 to 700 bar	0.47 bar	Using Digital Pressure Indicator with Hydraulic Pump by Comparison method based on DKD-R-6-1
3.	Dial & Digital Vacuum Gauges, Vacuum Transmitters <sup>#</sup>	(-)0.85 to 0 bar	0.015 bar	Using Digital Vacuum Indicator with Vacuum pump by Comparison method based on DKD-R-6-1

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Ashish Kakran  
Convenor

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Avijit Das  
Program Director

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<b>THEMAL CALIBRATION</b>				
<b>I.</b>	<b>TEMPERATURE</b>			
1.	Temperature / RTD with/ without indicator, Temperature Gauge, Temperature Indicator/ Controller With Sensor#.	-15°C to +120°C 120°C to 400°C	0.6°C 1.3°C	Using RTD with Dry Block Calibrator by Comparison Method

\* 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.

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