

Laboratory

Gauges Bourdon (India) Pvt. Ltd.,

Location-1: Pressure Lab – Plot No. 4,5,6, Jawahar Co-op Industrial Estate, Kamothe, Panvel, Navi Mumbai, Maharashtra

Location-2: Thermal Lab –Plot No. 144,152, Jawahar Co-op Industrial Estate, Kamothe, Panvel, Navi Mumbai, Maharashtra

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number

CC-2370

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Validity

04.09.2017 to 03.09.2019

Last Amended on -

Sl.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (\pm)	Remarks
<u>MECHANICAL CALIBRATION</u>				
I.	PRESSURE INDICATING DEVICES			
1.	Pressure (Pneumatic) Dial & Digital Pressure Gauges ^s	0 to 0.1 bar 0.1 to 1 bar 1 bar to 6 bar 6 bar to 60 bar	0.0013 bar 0.0014 bar 0.01 bar 0.08 bar	Using Digital Pressure Standard as per DKD R 6-1
2.	Pressure (Hydraulic) Dial & Digital Pressure Gauges ^s	0 to 400 bar	0.144 bar	Using Digital Pressure Standard with Hydraulic Pump

Vishal Shukla
Convenor

Avijit Das
Program Director

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<u>THERMAL CALIBRATION</u>				
I.	TEMPERATURE			
1.	RTD/Thermocouple with or without indicator [§]	(-) 35°C to 35°C 35°C to 150°C	0.23°C 0.27°C	Using standard PRT, MFC, 6½ DMM cold bath by Comparison Method Using standard PRT, MFC, 6½ DMM Oil bath by Comparison Method
2.	Temperature Indicator with Bath [§]	150°C to 500°C 500°C to 1200°C	0.75°C 2.32°C	Using standard PRT, MFC, 6½ DMM Dry bath by Comparison Calibration
3.	Dial Thermometers, Dial Temperature Gauges [§] (Bimetal & gas Field)	(-) 35°C to 150°C 150°C to 800°C	5.78°C 6.50°C	Using standard PRT, "S" Type Thermocouple MFC, 6½ DMM cold bath, Oil Bath & Dry Bath by Comparison Calibration

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

[§]Only in Permanent Laboratory

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