

Laboratory

Testo India Private Limited, Plot No. 23, Sind Society, Baner Road,
Aundh, Pune, Maharashtra

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number

CC-2869

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Validity

26.10.2018 o 25.10.2020

Last Amended on -

	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (\pm)	Remarks
<u>MECHANICAL CALIBRATION</u>				
I.	PRESSURE INDICATING DEVICES			
1.	Pressure-Pneumatic ^s (Digital / Analog Pressure Gauges/ Manometer, Pressure Transmitters, Pressure Switch)	0 to 100 hPa	0.18 hPa	Using Pneumatic-Differential Pressure Calibrator By Comparison Method
2.	Pressure-Pneumatic ^s (Digital / Analog Pressure Gauges/ Manometer, Pressure Transmitters, Pressure Switch.)	0 to 2000 hPa	2.48 hPa	Using Pressure Calibrator By Comparison Method
3.	Pressure-Pneumatic ^s (Digital / Analog Pressure Gauges/ Manometer, Pressure Transmitters, Pressure Switch.)	0 to 25 Bar	0.085 Bar	Using Digital Pressure Gauge with Pneumatic Hand Pump By Comparison Method
4.	Vacuum ^s (Digital Vacuum Gauges/Indicators, and Vacuum Transmitter)	(-)0.85 Bar to 0 Bar	0.013 Bar	Using Digital Pressure gauge with Pneumatic Hand Pump By Comparison Method

Shally Sharma
Convenor

Anuja Anand
Program Manager

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	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (±)	Remarks
5.	Absolute Pressure-Pneumatic ^s (Digital / Analog Absolute Pressure Gauges/Manometer)	0 to 2000 hPa abs	2.48 hPa abs	Using Absolute Pressure Probe with testo 526 by comparison method

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	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (\pm)	Remarks
<u>THERMAL CALIBRATION</u>				
I.	TEMPERATURE			
1.	RTD/Thermocouples and Thermisters with and without Indicator /Digital Thermometer and Temperature Transmitter [§]	(-) 80 °C to 25 °C 25 °C to 70 °C 70 °C to 300 °C 70 °C to 650 °C	0.41 °C 0.41 °C 1.41 °C 2.03 °C	Using Temperature Sensor (RTD PT-100 with Indicator Testo 735 and Liquid bath By Comparison Method
2.	Dew Point Temperature/ Dew Point Transmitter, Dew Point Sensor, Dew Point Meter With Sensor [§]	(-) 60 °Ctd to 20 °Ctd	0.18 °Ctd	Using Chilled Mirror & Dew Point Generator by Comparison method
3.	Temperature IR Thermometer Gun Pyrometer, Thermal Imager [§]	(-) 20°C to 100 °C 100 °C to 980 °C	1.23 °C 2.7 °C	Using Temperature Sensor (RTD Pt-100) with Indicator Testo 735 & R-type thermocouple with Indicator & Black body furnace By Comparison Method
4.	Humidity Hygrometer, Humidity meter, Analog & Digital Temp/Rh Data logger, Humidity Transmitter [§]	10 %RH to 95 %RH @25°C 5°C to 50°C	1.07 % 0.46°C	Using Temperature & Humidity with Indicator & RH Calibrator Testo (Huminator II) By Comparison Method

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

[§]Only in Permanent Laboratory

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Anuja Anand
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