

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Certificate of Accreditation

Authentic Instrument & Calibration Services Pvt. Ltd.

B-81, 2nd Floor, Sector- 64, Noida,
Gautam Budh Nagar- 201307, Uttar Pradesh, India

has been assessed and accredited in accordance with the Standard
ISO/IEC 17025:2017

“General Requirements for the Competence of Testing and Calibration Laboratories”
In the field of
Calibration

This certificate remains valid for the Scope of Accreditation as specified
in the annexure subject to continued compliance to the above standard &
any other requirements specified by QAI.



QAI/CIA/CL/2023/0002

(Date of First Accreditation: 29 March 2023 - 28 March 2025)

Valid from: 29 March 2025

Valid until: 28 March 2027

Dr. Bhupendra Kumar Rana
Chief Executive Officer

Prof. Vikram Kumar
Chair, CIA



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Scope of Accreditation

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Gautam Budh Nagar-201307, U.P., India

QAI/CIA/CL/2023/0002

Date of First Accreditation: 29 March 2023-28 March 2025

Valid from: 29 March 2025

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Accreditation Standard: ISO/IEC 17025:2017

Mechanical Discipline				
Sl. No.	Measurand or Reference Material/ Type of Instrument or Material to be Calibrated or Measured/ Quantity Measured/ Instrument	Calibration or Measurement Method or Procedure	Measurement Range and Additional Parameters Where Applicable (Range and Frequency)	*Calibration and Measurement Capability (CMC) (\pm)
At Permanent Laboratory and At-Site				
1.	Pneumatic- Vacuum Gauge/Vacuum Transmitters/Switches	Using Vacuum Gauge, Vacuum Pump and Multimeter by Comparison Method as per DKD R-6-2: 2018	-0.92 bar to 0 bar	0.0015 bar
2.	Pneumatic- Pressure- Pressure Gauge/Pressure Transmitters/Switches	Using Digital Pressure Gauge and Pneumatic Pressure Generating System and Multimeter by Comparison Method as per DKD R-6-1: 2014	0 to 6 bar	0.013 bar
3.	Pneumatic- Pressure- Pressure Gauge/Pressure Transmitters/Switches	Using Digital Pressure Gauge and Pneumatic Pressure Generating System and Multimeter by Comparison Method as per DKD R-6-1: 2014	0 to 70 bar	0.1 bar
4.	Hydraulic Pressure- Pressure Gauge/Pressure Transmitters/Switches	Using Digital Pressure Gauge, Hydraulic Pressure Generating Device and Multimeter by Comparison	0 to 400 bar	0.51 bar

This is annexure to 'Certificate of Accreditation' and does not require any signature.



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		Method as per DKD R-6-1: 2014		
5.	Hydraulic Pressure- Pressure Gauge/Pressure Transmitters/Switches	Using Digital Pressure Gauge, Hydraulic Pressure Generating Device and Multimeter by Comparison Method as per DKD R-6-1: 2014	0 to 700 bar	1 bar
6.	Pneumatic Pressure- Low Pressure/Magnehelic Gauge/Pirani Gauge	Using Digital Low Pressure Indicator and Pneumatic Pressure Generating System and Multimeter by Comparison Method as per DKD R-6-1: 2014	0 to 2000 Pa	2.8 Pa

* CMCs represent expanded uncertainties expressed at approximately the 95% level of confidence, using a coverage factor of $k = 2$.

