



Since 1998

# NATIONAL CENTRE FOR QUALITY CALIBRATION

## TRUE COPY

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CC-2128

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Precision Calibration with National / International Traceability for Temperature, Dimensional, Pressure, Vacuum, Time, Mass, Electrical, Noise, Airflow, Lux & all Special Purpose Instruments in all ranges.

### Calibration Certificate

F/CR/M/018 Issue No. 02

<b>Name of Customer</b> National Centre for Quality Calibration 4, Abhishree Corporate Park, Nr. Swagat Bungalows BRTS, Iskcon – Ambli Road, Ambli, Ahmedabad – 380 058, Gujarat	<b>Certificate No.</b> NCQC-M/060323/005	<b>Date of Issue</b> 06/03/2023 <b>Date of Calibration</b> 06/03/2023 <b>Suggested Due Date</b> 05/03/2024
	<b>Date of Receipt / Ref.No.:</b> 06/03/2023	

<b>ULR No. : CC21282300000954F</b>	<b>Discipline :</b> Mechanical Calibration Dimension (Basic-Measuring Instrument, Gauges etc)
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<b>Details of Observation of Unit Under Calibration</b>	<b>Identification No. :</b> NCQC/M-19 <b>Serial No. :</b> 663/2005 <b>Name of Instrument :</b> Dial Calibration Tester
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<b>Range</b> 0 to 25 mm <b>Resolution</b> 0.0002 mm <b>Make / Model</b> KIPL/=== <b>Location</b> Laboratory	<b>Initial Error</b> Nil <b>Visual Inspection</b> Satisfactory <b>Accuracy</b> $\pm 0.0025$ mm
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<b>Loc. of Calibration</b> At Laboratory <b>Environment Cond.</b> $20 \pm 2$ °C, 40% To 60% Rh	<b>Std. Ref. Used</b> Cali.Method No. By comparison method NCQC/CM/M/018
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#### Master Instruments Detail

NCQC SYS.NO.	Nomenclature	Make/ Model	Id / Serial No.	Traceable To	Certificate No.	Valid Upto
84	Slip Gauge set	Aditya / M88/1	NCQC/M-109 / 2967	CC-2102	SG 3112	22/09/2023
292	Electronic Probe With D.R.O	Sylvac/ ===	NCQC/M-129/112730 17	CC-2128	NCQC-M/011022/001	30/09/2023

#### Calibration of Results

Standard Readings in mm	Reading Observer by UUC in mm	Error in mm	Expanded Uncertainty in $\mu\text{m}$ (k=2) $\pm$
0.0000	0.0000	0.0000	1.2100
2.5000	2.5000	0.0000	1.2100
5.1000	5.0998	-0.0002	1.2100
7.7000	7.6998	-0.0002	1.2100
10.3000	10.2996	-0.0004	1.2100
12.9000	12.8994	-0.0006	1.2100
15.0000	14.9996	-0.0004	1.2100
17.6000	17.5996	-0.0004	1.2100
20.2000	20.1994	-0.0006	1.2100
22.8000	22.7994	-0.0006	1.2100
25.0000	24.9992	-0.0008	1.2100

NCQC  
 Valid up to 05-03-2024  
 Reviewed *[Signature]*

Traceable To National / International Standards.

<b>Calibrated By</b> <i>[Signature]</i> Maulik Rathod Calibration Engineer	<b>Reviewed &amp; Approved By</b> <i>[Signature]</i> Vignesh Panchal Calibration Incharge
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NCQC System Certificate No. 11