



NCQC LABORATORY LLP

4, Abhishree Corporate Park, Nr. Swagat Bungalow BRTS,
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Visit our Web Site : www.calibrationlaboratory.in • LLP IN : ACH-9094 / GSTIN : 24AAWFN8511B1Z9

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

TRUE COPY

Calibration Certificate

F/CR/M/037 Issue No.02

Name of Customer

NCQC LABORATORY LLP

4, Abhishree Corporate Park, Nr. Swagat Bungalows BRTS,
Iskcon - Ambli Road, Ambli, Ahmedabad - 380 058,
Gujarat

Certificate No.

NCQC-M/300825/024

Date of Issue

30/08/2025

Date of Calibration

30/08/2025

Suggested Due Date

29/08/2026

Date of Receipt / Ref.No.: 30/08/2025

ULR No. : CC212825000003778F

Discipline : Mechanical Calibration
Dimension (Precision- Precision Instruments and Surface Topology)

Details of Observation of Unit Under Calibration

Identification No. : NCQC/M-23

Serial No. : 027

Name of Instrument : Tape and Scale Measuring Machine

Range 0 to 1000 mm
Resolution 0.001 mm
Make / Model Octagon/MSTC-1000
Location Mechanical Lab-2

Initial Error Nil
Visual Inspection Ok
Accuracy ± 10 micron

Loc. of Calibration At Laboratory
Environment Cond. 20 ± 2 °C, 40 to 60 % RH
Actual Env. Cond. 20.3 °C 48.6 %RH

Std. Ref. Used By Comparison Method
Cali.Method No. NCQC/CM/M/037

Master Instruments Detail

NCQC SYS.NO.	Nomenclature	Make/ Model	Id / Serial No.	Traceable To	Certificate No.	Valid Upto
98	Tungsten Carbide Slip Gauge set	Mikronix / M88/1	NCQC/M-108/3909	CC-2102	SG 3980	17/09/2025
09	Steel length bar	KCP / M - 3	NCQC/M-105 / 1609	CC-2323	KCP/02/23-24/9524	09/01/2026
135	Steel length bar	KCP / M-2	NCQC/M-04 / 10138	CC-2323	KCP/02/24-25/3492	28/06/2026
151	Steel length bar	KCP/M-1	NCQC/M-05 / 1361	CC-2323	KCP/02/23-24/6663	27/10/2025

Calibration Results

Standard size of Slip Gauges & Length bars in mm	Actual reading of Slip Gauges & Length bars in mm	Reading observed by UUC in mm	Error in mm	Expanded Uncertainty in μm ($k=2$) \pm
0	0.00000	0.000	0.00000	15.300
100	100.00040	99.996	0.00440	15.300
200	200.00030	199.999	0.00130	15.300
300	300.00045	300.002	0.00155	15.300
400	400.00085	400.004	0.00315	15.300
500	500.00051	500.004	0.00349	15.300
600	600.00091	600.005	0.00409	15.300
700	700.00081	700.006	0.00519	15.300
800	800.00096	800.007	0.00604	15.300
900	900.00136	900.007	0.00564	15.300
1000	1000.00126	1000.008	0.00674	15.300

NCQC System Certificate No. 155

Traceable To National / International Standards.

Calibrated By

Keyur Panchal
Calibration Engineer

Reviewed & Approved By

Keyur Panchal
Calibration Engineer
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NCQC DEFINES CALIBRATION AS "PRECISION AND RELIABILITY OF INSTRUMENTS FOR YOUR BETTER TOMORROW"



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Identification No. : NCQC/M-23

Serial No. : 027

Name of Instrument : Tape and Scale Measuring Machine

Remarks :

- Averages of minimum five readings are reported.
- Suggested due date is given based on customer requirements.
- These results are obtained at the time of calibration.
- Result relates to the item calibrated only.
- No external provider was used for calibration and hence it is not applicable.
- Calibration certificate shall not be reproduced except in full without written approval of Director, NCQC.
- Any hand written corrections (except @) or photocopies of the report invalidates this certificate.
- Uncertainty of measurement at 95% confidence level iat coverage factor k = 2.
- Condition of instrument found satisfactory during receipt.
- Our masters are directly calibrated through NABL accredited calibration lab having direct traceability with national / international standard.

Traceable To National / International Standards.

Calibrated By

Keyur Panchal

Calibration Engineer

Reviewed & Approved By



*** End of Calibration Certificate ***

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