



Since 1998

NATIONAL CENTRE FOR QUALITY CALIBRATION

ISO/IEC 17025 (NABL) Accredited Laboratory

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

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Visit our Web Site : www.calibrationlaboratory.in



CC-2128

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

TRUE COPY

Name of Customer → National Centre For Quality Calibration 4, Abhishree Corporate Park, Near Swagat Bungalows BRTS, Iskcon – Ambli Road, Ambli, Ahmedabad–380 058, Gujarat, India.		Certificate No.	NCQC-M/230920/02
		Date of Issue	23-09-2020
		Date of Calibration	23-09-2020
		Suggested Due Date	22-09-2021
Date Of Receipt / Ref. No. → 23-09-2020		F/CR/M/037, Issue No.01 Page 1 of 2	
ULR – CC212820100000096F		Discipline → Mechanical Calibration, Dimensional (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 & Scale Measuring Machine	
Range	0 – 1000 mm	Initial Error	Nil
Least Count	0.001 mm	Make/Model	Octagon / MSTC – 100
Accuracy	± 10 µm	Visual Inspection	Ok
Results of Calibration			
Standard size of Length bars in mm	Actual reading of Length bars in mm	Reading Observed by Tape and scale calibrator in mm	Absolute Error In mm
0.000	0.00000	0.000	0.0000
100.000	99.99964	100.002	0.0024
200.000	199.99990	200.003	0.0031
300.000	299.99985	300.004	0.0042
400.000	399.99949	400.004	0.0045
500.000	500.00120	500.006	0.0048
600.000	600.00084	600.006	0.0052
700.000	700.00110	700.007	0.0059
800.000	800.00105	800.008	0.0070
900.000	900.00069	900.009	0.0083
1000.000	1000.00095	1000.010	0.0091

NCQC System Certificate No.155

Traceable To National / International Standards		
Calibrated By 	Arif Shaikh	

NCQC DEFINES CALIBRATION AS "PRECISION AND RELIABILITY OF INSTRUMENTS FOR YOUR BETTER TOMORROW"



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Calibration Certificate

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Near Swagat Bungalows BRTS,
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Certificate No.

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Details of Observation of Unit Under Calibration

Identification No.

: **NCQC/M – 23**

Serial No.

: **027**

Name of Instrument

: **Tape & Scale Measuring Machine**

Remarks:

- ↘ All the errors are found within the acceptance criteria (i.e. ± 0.010 mm) specified by the customer.
- ↘ Instrument found 'ACCEPTED' after calibration.
- ↘ Averages of minimum three readings are reported.
- ↘ Suggested due date is given based on customer requirements.
- ↘ Calibration points are given based on customer requirements.
- ↘ These results are obtained at the time of calibration.
- ↘ Any hand written corrections (except @) or photocopies of the report invalidates this certificate.
- ↘ Environment condition during calibration: 20 ± 2 °C, 40 to 60 % Rh.
- ↘ Location of performance of calibration → At Lab.
- ↘ Uncertainty of measurement at 95% confidence level is ± 15.3 micron, at coverage factor $k = 2$.
- ↘ Reference calibration method no.: NCQC/CM/M/037.
- ↘ Condition of instrument found satisfactory during receipt.
- ↘ Our masters are directly calibrated through NABL accredited calibration lab having direct traceability with national international standard.

Details of Master Instrument Used for Calibration

Nomenclature	Make / Model	Sr. No. / Id. No.	Calibration Due Date
Slip Gauge Set	Aditya / ===	2967 / NCQC/M –109	15-09-2021.
Length Bar	KCP/===	1609 / NCQC/M–105	19-11-2021
Length Bar	KCP/===	1361 / NCQC/M–05	08-10-2021
Length Bar	KCP/===	10138 / NCQC/M–04	24-06-2022

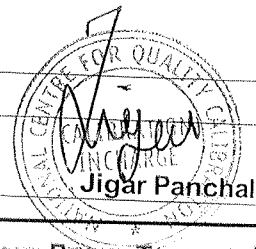
NCQC System Certificate No.	Certificate no. & Traceability of master with National Standards
84	→ Our master slip gauge set is calibrated and traceable to National Standard through NABL accredited Laboratory Mikronix, Aurangabad, Certificate no. SG 2486, Date – 16–09–2019.
09	→ Our master Length Bar set is calibrated and traceable to National Standard through NABL accredited Laboratory KCP, Aurangabad, Certificate No. KCP/02-/19~20/5840, Date – 20-11-2019.
151	→ Our master Length bar set is calibrated and traceable to National Standard through NABL accredited Laboratory KCP, Certificate no. KCP/02/ 19~20/ 4420 Date – 09-10-2019.
135	→ Our master Length Bar set is calibrated and traceable to National Standard through NABL accredited Laboratory KCP, Aurangabad, Certificate No. KCP/02/20~21/0978, Date – 24-06-2020.

Traceable To National / International Standards

Calibrated By

Arif Shaikh

Reviewed & Approved By



Jigar Panchal

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