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NATIONAL CENTRE FOR QUALITY CALIBRATION

4, Abhishree Corporate Park, Nr. Swagat Bungalows BRTS, Iskcon-Ambli Road, Ambli, Ahmedabad-380 058
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CC-2128

Visit our Web Site : www.calibrationlaboratory.in

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

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/060921/01
		Date of Issue	06-09-2021
		Date of Calibration	06-09-2021
		Suggested Due Date	05-09-2022
Date Of Receipt / Ref. No. → 06-09-2021		F/CR/M/037, Issue No.01 Page 1 of 2	
ULR – CC212821100000121F		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	100.001	0.0014
200.000	199.99990	200.002	0.0021
300.000	299.99985	300.002	0.0022
400.000	399.99949	400.003	0.0035
500.000	500.00120	500.004	0.0028
600.000	600.00084	600.006	0.0052
700.000	700.00110	700.006	0.0049
800.000	800.00105	800.007	0.0059
900.000	900.00069	900.008	0.0073
1000.000	1000.00095	1000.009	0.0081

NCQC System Certificate No. 155

Traceable To National / International Standards

Calibrated By

Arif Shaikh

Arif Shaikh

Reviewed & Approved By



Jigat Panchal

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



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F/CR/M/037, Issue No.01
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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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