



Since 1988

NATIONAL CENTRE FOR QUALITY CALIBRATION

4, Abhishree Corporate Park, Nr. Swagat Bungalows BRTS, Iskcon-Ambli Road, Ambli, Ahmedabad-380 058
Ph. +91-79-29795322, 29795323 • Fax : +91-79-29795323, Cell No. +91-9327017517, +91-9328616370
E-mail : ncqc@calibrationlaboratory.in, • calibrationlab.ncqc@gmail.com



CC-2128

Visit our Web Site : www.calibrationlaboratory.in

TRUE COPY

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/O15 Issue No.02

Name of Customer National Centre for Quality Calibration 4, Abhishree Corporate Park, Nr. Swagat Bungalows BRTS, Iskcon – Ambli Road, Ambli, Ahmedabad – 380 058, Gujarat	Certificate No.	NCQC-M/120324/003
	Date of Issue	12/03/2024
	Date of Calibration	12/03/2024
	Suggested Due Date	11/03/2025
Date of Receipt / Ref.No.: 12/03/2024		

ULR No. : CC212824000001744F	Discipline : Mechanical Calibration Dimensional (Basic-Measuring Instrument, Gauges etc.)
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Details of Observation of Unit Under Calibration	Identification No. : NCQC/M-10
	Serial No. : 00-003
	Name of Instrument : Thread Measuring Wires

Range	0.17 to 3.2 mm	Visual Inspection	Satisfactory
Make / Model	Aditya/===		
Location	Mechanical Lab-2		
Loc. of Calibration	At Laboratory	Std. Ref. Used	IS 11103
Environment Cond.	20 ± 2 °C, 40 to 60% Rh.	Cali.Method No.	NCQC/CM/M/O15
Actual Env. Cond.	20.3 °C 51.7 %Rh		

Master Instruments Detail

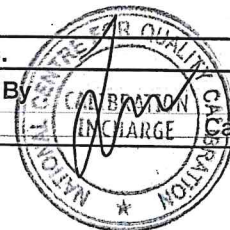
NCQC SYS.NO.	Nomenclature	Make/ Model	Id / Serial No.	Traceable To	Certificate No.	Valid Upto
226	Length Measuring Machine	Octagon / LMM300T	NCQC/M-24 / 050	CC-2751	OM / 46 / 220048	02/03/2025

Calibration Results

Identification No.	Nominal Size of pin (diameter) in mm	Observed Result in mm	Deviation in mm	Ovality in µm	Expanded Uncertainty in µm (k=2)
A	0.170	0.1697	0.0003	0.2	1.32
B	0.170	0.1705	-0.0005	0.2	1.32
C	0.170	0.1702	-0.0002	0.2	1.32
A	0.195	0.1948	0.0002	0.1	1.32
B	0.195	0.1951	-0.0001	0.2	1.32
C	0.195	0.1947	0.0003	0.2	1.32
A	0.220	0.2202	-0.0002	0.2	1.32
B	0.220	0.2205	-0.0005	0.2	1.32
C	0.220	0.2202	-0.0002	0.1	1.32
A	0.250	0.2502	-0.0002	0.1	1.32
B	0.250	0.2502	-0.0002	0.3	1.32
C	0.250	0.2501	-0.0001	0.2	1.32
A	0.290	0.2902	-0.0002	0.2	1.32
B	0.290	0.2897	0.0003	0.2	1.32
C	0.290	0.2902	-0.0002	0.2	1.32

Traceable To National / International Standards.

Calibrated By	Maulik Rathod Calibration Engineer	Reviewed & Approved By	Jigar Panchal Calibration Incharge
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NCQC System Certificate No. 38



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Discipline : Mechanical Calibration
Dimensional (Basic-Measuring Instrument, Gauges etc.)

Details of Observation of Unit Under Calibration

Identification No. : NCQC/M-10

Serial No. : 00-003

Name of Instrument : Thread Measuring Wires

Calibration Results

Identification No.	Nominal Size of pin (diameter) in mm	Observed Result in mm	Deviation in mm	Ovality in μm	Expanded Uncertainty in μm (k=2)
A	0.335	0.3349	0.0001	0.3	1.32
B	0.335	0.3348	0.0002	0.3	1.32
C	0.335	0.3352	-0.0002	0.3	1.32
A	0.390	0.3902	-0.0002	0.1	1.32
B	0.390	0.3903	-0.0003	0.2	1.32
C	0.390	0.3899	0.0001	0.1	1.32
A	0.455	0.4552	-0.0002	0.3	1.32
B	0.455	0.4554	-0.0004	0.2	1.32
C	0.455	0.4552	-0.0002	0.1	1.32
A	0.530	0.5302	-0.0002	0.1	1.32
B	0.530	0.5301	-0.0001	0.2	1.32
C	0.530	0.5302	-0.0002	0.2	1.32
A	0.620	0.6202	-0.0002	0.2	1.32
B	0.620	0.6198	0.0002	0.2	1.32
C	0.620	0.6199	0.0001	0.2	1.32
A	0.725	0.7247	0.0003	0.2	1.32
B	0.725	0.7247	0.0003	0.1	1.32
C	0.725	0.7252	-0.0002	0.2	1.32
A	0.895	0.8954	-0.0004	0.2	1.32
B	0.895	0.8952	-0.0002	0.1	1.32
C	0.895	0.8952	-0.0002	0.3	1.32
A	1.100	1.0998	0.0002	0.2	1.32
B	1.100	1.0998	0.0002	0.1	1.32
C	1.100	1.1002	-0.0002	0.3	1.32
A	1.350	1.3505	-0.0005	0.2	1.32
B	1.350	1.3498	0.0002	0.2	1.32
C	1.350	1.3504	-0.0004	0.2	1.32
A	1.650	1.6505	-0.0005	0.2	1.32
B	1.650	1.6498	0.0002	0.1	1.32
C	1.650	1.6502	-0.0002	0.2	1.32

Traceable To National / International Standards.

Calibrated By

Maulik Rathod
Calibration Engineer

Reviewed & Approved By



Jigar Panchal
Calibration Incharge

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Serial No. : 00-003

Name of Instrument : Thread Measuring Wires

Calibration Results

Identification No.	Nominal Size of pin (diameter) in mm	Observed Result in mm	Deviation in mm	Ovality in μm	Expanded Uncertainty in μm (k = 2)
A	2.050	2.0498	0.0002	0.2	1.32
B	2.050	2.0503	-0.0003	0.1	1.32
C	2.050	2.0498	0.0002	0.1	1.32
A	2.550	2.5503	-0.0003	0.2	1.32
B	2.550	2.5498	0.0002	0.2	1.32
C	2.550	2.5502	-0.0002	0.2	1.32
A	3.200	3.2004	-0.0004	0.2	1.32
B	3.200	3.1998	0.0002	0.2	1.32
C	3.200	3.1998	0.0002	0.1	1.32

Remarks :

- Average of five reading is reported.
- Suggested due date is 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.
- Condition of instrument found satisfactory during receipt.
- 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.
- Uncertainty of measurement at 95% confidence level by multiplying coverage factor k = 2.
- Our masters are directly calibrated through NABL accredited calibration laboratory having direct traceability with national / international standard.

Traceable To National / International Standards.

Calibrated By

Maulik Rathod
Calibration Engineer

Reviewed & Approved By



Jigar Panchal

Calibration Incharge

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