



# 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](mailto:ncqc@calibrationlaboratory.in), • [calibrationlab.ncqc@gmail.com](mailto:calibrationlab.ncqc@gmail.com)

Visit our Web Site : [www.calibrationlaboratory.in](http://www.calibrationlaboratory.in)

Since 1998

CC-2128

**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/015 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/050623/030	
	<b>Date of Issue</b> 06/06/2023 <b>Date of Calibration</b> 05/06/2023 <b>Suggested Due Date</b> 04/06/2024	
<b>Date of Receipt / Ref.No.:</b> 05/06/2023		

<b>ULR No. :</b> CC21282300004027F	<b>Discipline :</b> Mechanical Calibration Dimensional (Basic-Measuring Instrument, Gauges etc.)
------------------------------------	---

<b>Details of Observation of Unit Under Calibration</b>	<b>Identification No. :</b> 2.4 mm – 01 & 02
	<b>Serial No. :</b> ===
	<b>Name of Instrument :</b> Measuring Pin Gauges

<b>Range</b> 2.4 mm <b>Resolution</b> === <b>Make / Model</b> ===/=== <b>Location</b>	<b>Visual Inspection Accuracy</b> Ok ===
---	--

<b>Loc. of Calibration</b> At Laboratory <b>Environment Cond.</b> 20 ±2 °C, 40 to 60% Rh <b>Actual Env. Cond.</b> 20.6 °C      49.6 %Rh	<b>Std. Ref. Used</b> IS 11103 <b>Cali.Method No.</b> NCQC/CM/M/015
--	--

### 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

Specified size of pin in mm	Reading Observed By reference standard in mm	Deviation in mm	Ovality in µm	Expanded Uncertainty in µm (k =2)
2.4	2.3998	-0.0002	0.2	1.320
2.4	2.4002	0.0002	0.2	1.320

### 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.
- 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.
- Any hand written corrections (except @) or photocopies of the report invalidates this certificate.
- The uncertainties are for a confidence probability of not less than 95% with coverage factor k = 2
- Our masters are directly calibrated through NABL accredited calibration laboratory having direct traceability with National / international standard.

**NCQC**  
 Valid up to 04-06-2024  
 Reviewed: *[Signature]*

Traceable To National / International Standards.

<b>Calibrated By</b> <i>[Signature]</i> Harsh Patel Calibration Engineer	<b>Reviewed &amp; Approved By</b> <i>[Signature]</i> Arif Shaikh Calibration Incharge
--	---

**NCQC System Certificate No. 407**

