



NATIONAL CENTRE FOR QUALITY CALIBRATION

TRUE COPY

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

Since 1998

Visit our Web Site : www.calibrationlaboratory.in

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

Calibration Certificate

F/CR/M/041/01 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/240423/057
	Date of Issue	24/04/2023
	Date of Calibration	24/04/2023
	Suggested Due Date	23/04/2024
Date of Receipt / Ref.No.: 24/04/2023		

ULR No. : CC212823000002337F	Discipline : Mechanical Calibration Dimensional (Basic-Measuring Instrument, Gauges etc.)
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Details of Observation of Unit Under Calibration	Identification No. : NCQC/M-211 to 234
	Serial No. : R - 109 to R - 132
	Name of Instrument : Plain Ring Gauge

Range	11.0 to 115.0 mm	Visual Inspection	OK
Make / Model	Finiks/===		
Location	Calibration Lab.		

Loc. of Calibration	At Laboratory	Std. Ref. Used	IS 3455 & IS 3485
Environment Cond.	20 ± 2 °C, 40 to 60 % Rh	Cali.Method No.	NCQC/CM/M/045
Actual Env. Cond.	20.8 °C 50.6 %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 / 2200 48	02/03/2025
229	Master Setting Ring	Baker / ===	NCQC/M-125/FI0009	CC-2764	LAB/CA/04/02/21/136 6	16/09/2023
229/1	Master Setting Ring	Baker / ===	NCQC/M-126/NFI-19 4	CC-2764	LAB/CA/04/02/21/136 7	16/09/2023

Calibration Results

ID No./Sr. No.	Nominal Diameter in mm	Observed value in mm	Ovality in µm	Expanded Uncertainty in µm (k=2) ±
NCQC/M-211 (R - 109)	11.000	11.0002	0.3	2.6
NCQC/M-212 (R - 110)	11.998	11.9986	0.2	2.6
NCQC/M-213 (R - 111)	14.000	14.0000	0.3	2.6
NCQC/M-214 (R - 112)	16.000	16.0002	0.2	2.6
NCQC/M-215 (R - 113)	17.999	17.9993	0.3	2.6
NCQC/M-216 (R - 114)	19.998	19.9988	0.2	2.6
NCQC/M-217 (R - 115)	23.000	23.0004	0.3	2.6
NCQC/M-218 (R - 116)	25.000	25.0014	0.3	2.6
NCQC/M-219 (R - 117)	27.004	27.0037	0.3	2.6
NCQC/M-220 (R - 118)	30.000	30.0003	0.2	2.6
NCQC/M-221 (R - 119)	35.001	35.0012	0.3	2.6
NCQC/M-222 (R - 120)	40.000	39.9999	0.2	2.6
NCQC/M-223 (R - 121)	45.000	45.0000	0.2	2.6
NCQC/M-224 (R - 122)	55.001	55.0001	0.2	2.6

Traceable To National / International Standards.

NCQC
Calibrated By
Valid up to 23-04-2024
Reviewed *[Signature]*

[Signature] Harsh Patel
Calibration Engineer

Reviewed & Approved By

[Signature] Arif Shaikh
Calibration Incharge

NCQC System Certificate No. 397



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Details of Observation of Unit Under Calibration	Identification No. : NCQC/M-211 to 234
	Serial No. : R - 109 to R - 132
	Name of Instrument : Plain Ring Gauge

Calibration Results

ID No./Sr. No.	Nominal Diameter in mm	Observed value in mm	Ovality in μm	Expanded Uncertainty in μm (k=2) \pm
NCQC/M-225 (R - 123)	62.000	62.0001	0.2	2.6
NCQC/M-226 (R - 124)	63.000	63.0000	0.3	2.6
NCQC/M-227 (R - 125)	68.003	68.0018	0.3	2.6
NCQC/M-228 (R - 126)	75.002	75.0020	0.2	2.6
NCQC/M-229 (R - 127)	80.003	80.0027	0.2	2.6
NCQC/M-230 (R - 128)	87.003	87.0037	0.3	2.6
NCQC/M-231 (R - 129)	88.003	88.0032	0.3	2.6
NCQC/M-232 (R - 130)	95.004	95.0039	0.3	2.6
NCQC/M-233 (R - 131)	100.000	100.0006	0.3	2.6
NCQC/M-234 (R - 132)	115.003	115.0036	0.2	2.6

Remarks:

- Averages of minimum five readings are reported.
- Suggested due date is given based on customer requirements
- Condition of instrument found satisfactory during receipt.
- 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.
- 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.

Traceable To National / International Standards.

Calibrated By	Harsh Patel Calibration Engineer	Reviewed & Approved By	Arif Shaikh Calibration Incharge
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