

TRUE COPY



CALIBRATION CERTIFICATE OF GAUGE BLOCK ACCESSORIES	CALIBRATION CERTIFICATE NO. KCP/03/23-24/6662	
	ULR No: CC2323 23 0 00008 862 F	
ISSUE DATE OF CERTIFICATE: 27-10-2023	PAGE: 1 OF 2	NO. OF PAGES: 2

NAME & ADDRESS OF THE CUSTOMER : **M/s. NATIONAL CENTRE FOR QUALITY CALIBRATION**
House No. 4 Abhishree Corporate Park,
Near Swagat Bungalow BRTS, Iskon-Ambli Road, Ambli
AHMEDABAD - 380 058.

CUSTOMER'S REFERENCE DATE OF RECEIPT : DC No.: 181023/08. Date 18-10-2023
: 25-10-2023.

ITEM FOR CALIBRATION : Gauge Block Accessories, Type: 16 pcs,
ID No: NCQC/M-117, Sr. No:10364, Make: KCP.
CONDITION OF ITEM : OK

DISCIPLINE: Mechanical-Dimension,
GROUP: Basic Measuring Instrument, Gauges etc.

LAB WORK ORDER NO. : 23-24/353.
DATE & PLACE OF CALIBRATION : 27-10-2023, @ KCP Lab.

CALIBRATION PROCEDURE : Determination of actual size & parallelism Of measuring jaw & base
by comparing with master gauge blocks as per procedure
No.KCP/PCD/07-03 & as per IS 4440:1996

EQUIPMENTS / REFERENCE CALIBRATION STANDARDS : Used standards are traceable to National standards
(direct/thro' NABL accredited Lab.)



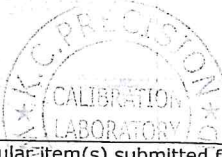
Sr.No.	Type of Master equipments	I.D. No.	Calibration Report No.	Valid Up to
1.	Gauge Block set, M88/1, Gr. '0'	117	KCP/01/22~23/10178	15.03.2025
2.	Gauge Block Calibrator	991	KCP/04/23~24/2214	11-06-2025
3.	Optical Flat	000936	22/53/01/041-S/3/097	22-07-2024

ENVIRONMENTAL CONDITION : 20° ± 1° C
UNCERTAINTY OF MEASUREMENT : ± 0.4 µm up to 25 mm

The Uncertainty stated is the expanded uncertainty of measurement obtained by multiplying the standard uncertainty by the coverage factor K=2 corresponds to confidence level of 95.45%

NEXT CALIBRATION DUE DATE :- 27-10-2025.

NOTE: Next calibration due date (2years) mentioned in the certificate is given as per customer's request.

<p>CALIBRATED BY</p>  <p>V.V.SIMANT (Inspector)</p>	<p>AUTHORIZED SIGNATORY</p>  <p>T.V.JAMKHEDKAR (Technical Manager)</p>
	
<ul style="list-style-type: none"> This certificate refers only to the particular item(s) submitted for calibration. The calibration results reported in this certificate are valid at the time of & under the stated condition of measurement. This certificate shall not be reproduced except in full, unless written permission of Quality Manager (Calibration Lab) 	

NCQC
Valid up to 27-10-2025
Reviewed _____

NCQC System Certificate No. 364



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CALIBRATION RESULTS

ITEM FOR CALIBRATION: Gauge Block Accessories

TYPE: 16 Pcs

Sr No.: 10364

A. Calibration Results of Base:-

MAKE: KCP

LAB WORK ORDER NO.: 23-24/353.

Nominal Length 'mm'	Actual size 'mm'	Parallelism 'mm'	Flatness 'mm'
25.0	25.0006	0.0003	0.0003

B. Calibration Results of Half Round Jaw:-

Nominal Length 'mm'	Actual size 'mm'	Parallelism 'mm'	Flatness 'mm'
2.5 A	2.5001	0.0004	0.0003
2.5 B	2.5005	0.0003	0.0003

C. Calibration Results of Plain Jaw:-

Nominal Length 'mm'	Actual size 'mm'	Parallelism 'mm'	Flatness 'mm'
5.0 A	5.0003	0.0002	0.0003
5.0 B	5.0004	0.0003	0.0003
6.0 A	6.0003	0.0003	0.0003
6.0 B	6.0004	0.0003	0.0003

D. Calibration Results of Parallel Jaw:-

Nominal Length 'mm'	Actual size 'mm'	Parallelism 'mm'	Flatness 'mm'
----	17.5339	0.0003	0.0003

E. Calibration Results of Measuring Jaw:-

Nominal Length 'mm'	Actual size 'mm'	Parallelism 'mm'	Flatness 'mm'
A	17.1391	0.0004	0.0003
B	17.1356	0.0003	0.0003

F. Flatness of Centre Point: 0.0010 mm

<p>CALIBRATED BY</p> <p>V.V.SIMANT (Inspector)</p>		<p>AUTHORIZED SIGNATORY</p> <p>T.V.JAMKHEDKAR (Technical Manager)</p>
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END OF CERTIFICATE

