

**TRUE COPY**



CALIBRATION CERTIFICATE OF <b>ANGLE GAUGE BLOCK</b>	CALIBRATION CERTIFICATE NO. <b>KCP/38/23-24/6661</b>	
	ULR No: <b>CC2323 23 0 00008 861 F</b>	
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 : DC No.: 181023/08. Date 18-10-2023  
DATE OF RECEIPT : 25-10-2023.  
ITEM FOR CALIBRATION : Angle Gauge Block Set, Qty: 15 Pcs  
ID No: NCQC/M-118, Sr. No: 10354, Make: KCP.  
**DICIPLINE:** - Mechanical-Dimension  
**GROUP:** - Precision Instruments

CONDITION OF ITEM : OK  
LAB WORK ORDER NO. : 23-24/353.  
DATE & PLACE OF CALIBRATION : 26-10-2023, @ KCP Lab.  
CALIBRATION PROCEDURE : Calculation of actual angle by comparing with another angle gauge block on angle gauge checking fixture as per the Procedure no. KCP/PCD/07-38 & as per IS 6231:1971


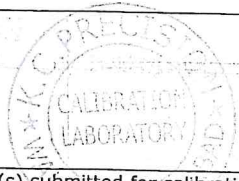
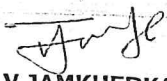
EQUIPMENTS / REFERENCE CALIBRATION STANDARDS : Used standards are traceable to National standards (direct/thro' NABL accredited Lab.)


Sr.No.	Type of Master equipments	I.D. No.	Calibration Report No.	Valid Up to
1.	Angle Gauge Block	10056	21/53/01/041-S/3/273	13.01.2025
2.	Electronic probe with DRO with checking fixture	KCP/EP/02,03	KCP/29/22-23/10451	30.03.2025

ENVIRONMENTAL CONDITION : Temperature- 20.2°~20.8° [20° ± 1° C]  
Humidity(RH)- 52.0%~54.0%. [50 ± 10%]

UNCERTAINTY OF MEASUREMENT : ± 6.1 Arc of Second  
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 :- 26-10-2025.**  
**NOTE:** Next calibration due date (2years) mentioned in the certificate is given as per customer's request.

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

NCQC  
Valid up to **26-10-2025**  
Reviewed 

NCQC System Certificate No. **265**



CALIBRATION CERTIFICATE OF <b>ANGLE GAUGE BLOCK</b>		CALIBRATION CERTIFICATE NO. <b>KCP/38/23-24/6661</b>	
ISSUE DATE OF CERTIFICATE: 27-10-2023		PAGE: 2 of 2	NO. OF PAGES: 2



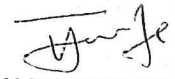
**ITEM FOR CALIBRATION:** Angle Gauge Block Set.  
**ID No:** NCQC/M-118  
**Sr. No:** 10354.

**QTY:** 15 Pcs.

**MAKE:** KCP.

**CALIBRATION RESULTS**

Sr.No.	Nominal Angle	Calibrated Angle
1.	6"	0° 0' 7.01"
2.	12"	0° 0' 13.61"
3.	30"	0° 0' 31.76"
4.	1'	0° 0' 58.58"
5.	3'	0° 2' 58.63"
6.	5'	0° 4' 59.08"
7.	20'	0° 20' 0.86"
8.	30'	0° 29' 58.17"
9.	1°	1° 0' 1.02"
10.	3°	2° 59' 59.22"
11.	5°	4° 59' 58.64"
12.	15°	14° 59' 59"
13.	30°	29° 59' 58.72"
14.	45°	44° 59' 58.76"
15.	True Square 90° (A)	89° 59' 58.13"
	True Square 90° (B)	90° 00' 1.2"
	True Square 90° (C)	89° 59' 59.04"
	True Square 90° (D)	90° 00' 0.28"

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

\*\*\*END OF CERTIFICATE\*\*\*

KCP/FMT/10-38,REV.00/24-01-2019

