

CERTIFICATE OF CALIBRATION

ISSUED BY :

ACCURATE ENGINEERING CO. PVT. LTD.

Gala No. 1, AM-31, Udyog Bhavan, M.I.D.C. Satpur, Nashik - 422007. Maharashtra
Phone No.: 0253 - 2351514, 9970001663 Email : calnsk@accurate.co.in
Head Lab : 67, Hadapsar Industrial Estate, Hadapsar, Pune - 411 013.
Phone No.: 020-268270158 / 159, Direct : 020-66069503, Email : calpun@accurate.co.in



ULR-CC257925000003185F

MECHANICAL CALIBRATION-DIMENSION

Certificate No.: N/25/250072

Date of Issue: 14/10/2025

Date of Calibration: 14/10/2025	Next Date of Calibration: 14/10/2026	Page 01 of 02 Pages
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NAME & ADDRESS OF CUSTOMER

M/s:CHAVANKE ENGINEERING PVT LTD.
PAP-113, Near Aima Office, MIDC Amabd Nashik 422010

CUSTOMER'S CHALLAN NO.

: DC,No.841.

Date: 09/10/2025

WORK ORDER NO.

: NA/CAL/2526/0236

GAUGE FOR CALIBRATION

: PLUNGER TYPE DIAL GAUGE

CONDITION OF ITEM & DATE OF RECEIPT

: OK
09/10/2025

CALIBRATION PROCEDURE

: Determination of Instrumental error and repeatability was done by holding dial in a position with the stylus at right angle to the axis of plunger movement of precise calibration tester. Above method is based on IS 2092/1983. (Reference - CP 25A Annexure to WI25A)

EQUIPMENT & MASTERS USED FOR CALIBRATION

: 1. Electronic Dial Calibration Tester, L.C. - 0.0001mm,
ID.No.- EN04-01, Calibrated at NABL Lab No. CC-2082.

TRACEABILITY

: 1. Traceable to National / International standards through NABL
Lab No. CC-2082 vide Cer.No. P/24/250010 valid upto 19 JULY 2027.

ENVIRONMENTAL CONDITION

: 20.0°C ~ 20.1°C

UNCERTAINTY OF MEASUREMENT : $\pm 1.3\mu\text{m}$

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%.

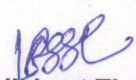
NOTE : 1. Calibration results are enclosed on page No. 2 onwards.

2. Next calibration date mentioned in the certificate is given as per customer's request .

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Note: The Certificate issued subject to conditions stated overleaf.

Calibrated By


Lilakant Thakare
Tech Asst Calibration Lab



Approved By


Mayur Thorat
Manager Calibration Lab

CERTIFICATE OF CALIBRATION

ISSUED BY : ACCURATE ENGINEERING CO. PVT. LTD.
NABL ACCREDITED CALIBRATION LABORATORY NO.: CC-2579

Continuation of
Certificate No.:
N/25/250072
Date: 14/10/2025

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02 Pages

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MECHANICAL CALIBRATION - DIMENSION

CALIBRATION RESULTS

PLUNGER TYPE DIAL GAUGE

L.C.: 0.001mm RANGE:- 0 ~ 1mm

MAKE: - MITUTOYO

SR.NO.: - CMTJ 98 CODE NO.: M -18

ACCURATE NO.: NA/CAL/2526/0236/01

A:- INSTRUMENTAL ERROR MEASUREMENT

(ALL VALUES ARE IN μm)

Turn	0		10		20		30		40		50		60		70		80		90	
	100		90		80		70		60		50		40		30		20		10	
	In	Out	In	Out	In	Out	In	Out	In	Out	In	Out	In	Out	In	Out	In	Out	In	Out
I	0.0	-0.2	0.1	-0.4	-0.3	-0.3	-0.3	0.0	-0.2	-0.6	-0.3	-0.4	-0.1	-0.5	-0.4	-0.6	-0.2	-0.3	-0.4	-0.2
	-0.3	-0.6	-0.6	-0.4	-0.5	-0.6	-0.4	-0.2	-0.4	-0.5	-0.2	-0.4	-0.6	-0.2	-0.2	-0.3	-0.1	0.2	-0.2	0.2
II	-0.2	0.0	-0.4	0.2	-0.3	0.0	-0.1	0.1	-0.3	0.0	-0.1	0.1	-0.2	-0.1	-0.2	0.0	-0.1	0.3	0.0	0.2
	0.3	0.2	0.4	0.3	0.2	0.4	0.1	0.3	0.2	0.2	0.3	0.3	0.3	0.2	0.2	0.2	0.0	0.4	0.1	0.3
III	0.1	0.2	0.1	0.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.7	-0.1
IV	-1.2	-0.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V	-1.4	-1.1	-1.6	4.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-1.2	-0.7
	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VI	-1.5	-1.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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B:- HYSTERESIS ERROR : 0.0032 mm

C:- REPEATABILITY: 0.001 mm

Calibrated By

Approved By

END

