

CERTIFICATE OF CALIBRATION

ACCURATE ENGINEERING CO. PVT. LTD.

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ULR-CC257925000003305F

MECHANICAL CALIBRATION-DIMENSION

Certificate No. : N/40/250023

Date of Issue: 13/11/2025

Date of Calibration:	Next Calibration Date:	Page	No. of Pages
13/11/2025	13/11/2027	1	2

ISSUED BY :

NAME & ADDRESS OF CUSTOMER

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

CUSTOMER'S CHALLAN NO.

ONSITE CALIBRATION,

Date: 13/11/2025

WORK ORDER NO.

NA/CAL/2425/0268

GAUGE FOR CALIBRATION

GRANITE SURFACE PLATE

SIZE: 630 X 630 mm

MAKE:- MIT

CODE NO:- M-19

SR.NO.: - MIT 455

ACCURATE ID.NO.: NA/CAL/2425/0268/01

SPECIFICATIONS BASED ON

IS 7327 (1991)

CALIBRATION PROCEDURE

The Flatness was determined by dividing the total area into small squares of 125mm. The linear heights of individual square grid was measured from first datum square A1B1 by electronic level. The error of Flatness was measured by calculating extreme height difference on upper & lower direction w.r.t. best fit plane. Above method is based on IS 12937 (1990). As per CP No. 40.

FOR CALIBRATION

1. Electronic Mini Level RN 12-01, Make-Wyler (Switzerland),
Sr.No-GW51WY1F0006, L.C.= 1 Division = 0.005mm/M

TRACEABILITY

1. Traceable to National Standards through NABL Lab.No.CC-2082
vide Cer.No.- P/39/240039 Valid up to 04 Oct 2026

ENVIRONMENTAL CONDITION

20.1°C ~ 20.3°C

UNCERTAINTY OF MEASUREMENT

$\pm 0.7 \sqrt{\frac{L+W}{125}}$ (W-Width, L - Length)
125

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%.

LOCATION: - QUALITY LAB

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.

Note : The Certificate issued subject to conditions stated overleaf.

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Calibrated By

Sharad Gawale
Tech Asst Calibration Lab



Approved By

Mayur Thorat
Asst. 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/40/250023

Dt. 13-11-2025

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MECHANICAL CALIBRATION-DIMENSION

CALIBRATION RESULTS

MATERIAL TYPE : Grenite

LOCATION : Quality Lab

SIZE : 630 X 630 MM

SR. NO. : MIT 455

CODE NO. : M-19

ACCURATE ID. : NA/CAL/2526/02
68

MAKE : MIT

ALL VALUES ARE IN MICRONS

B5	0.0	2.2	<u>3.1</u>	2.2	3.1
B4	0.9	1.2	1.6	2.5	2.8
B3	2.5	1.6	0.6	-0.9	<u>-1.2</u>
B2	1.6	0.0	0.9	1.2	0.3
B1	0.0	0.9	0.0	0.9	0.0
	A1	A2	A3	A4	A5

Extreme Values : [3.1] [-1.2]

Flatness : 4.3

Grade : 0

Permissible flatness for this grade : 5.2

X

