

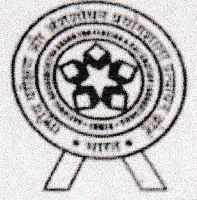
CERTIFICATE OF CALIBRATION

ISSUED BY :

ACCURATE ENGINEERING CO. PVT. LTD.

67, Hadapsar Industrial Estate, Hadapsar, Pune - 411 013.

© 020 - 66069503 / 9568, Mob.: 9970012632, Email : calpun@accurate.co.in



CC-2082

ULR - CC208222000008305F

Certificate No. : P/31/220014

MECHANICAL CALIBRATION - DIMENSION

Date of Issue : 28/09/2022

Date of Calibration: 26/09/2022	Next Calibration Date : 26/09/2024	Page 1	No. of Pages 2
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NAME & ADDRESS OF CUSTOMER : M/s. SKILL GAUGES & SERVICES
SR. NO. 6, VETALWADI BHAPKAR MALA, ROAD MANJARI, B. K.
PUNE-412 307.

CUSTOMER'S PO.NO. : --

WORK ORDER NO. : PU/CAL/2223/0691

GAUGE FOR CALIBRATION : SINGLE AXIS MEASURING MACHINE
RANGE - 0-100mm L. C. - 0.0001mm
EXTERNAL RANGE- 0 - 600 mm INTERNAL RANGE- 3 - 400 mm
ACCURATE ID.NO.- PU/CAL/2223/0691/1 SR. NO. -29
CODE NO.- -- MODEL- LAB MICROCAL 600
MAKE - ADITYA

CALIBRATION PROCEDURE : Determination of instrumental error of measuring axis is done with the help of series of the gauge Blocks covering the entire range. As per CP No. 31

EQUIPMENT & MASTERS USED FOR CALIBRATION : 1. Grade 'K' Slip Gauge Box Code No.- R1-02 (Make- Aditya)
Sr.No 2926 (Inhouse Calibrated) valid upto 11th Nov 2022

TRACEABILITY : 1. Traceable to National Standards through NABL Lab No.C-0052 vide Cer. No P/97/2017 calibrated on 11th Nov. 2020

UNCERTAINTY OF MEASUREMENT : ± 0.00085 mm Upto 100mm

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 : STANDARD ROOM (M/s. SKILL GAUGES & SERVICES, PUNE)

Temperature at the time of calibration 21.4° C.

NOTE : 1. Calibration Results are enclosed on Page No. 2 onwards.

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

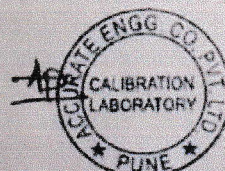
CONTD. PAGE 2

Note : The certificate is issued subject to conditions stated overleaf.

Calibrated By

Ruman Kazi

Tech. Lab Assistant



Approved By

Ashok Patil

Manager Calibration Lab

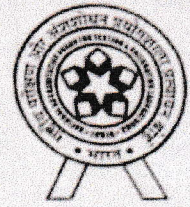
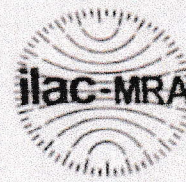
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MECHANICAL CALIBRATION - DIMENSION

Certificate No. : P/31/220014

Calibration Dt. : 26/09/2022

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CALIBRATION RESULTS

1. INSTRUMENTAL ERROR :

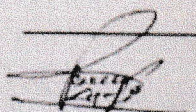
SR NO.	REFERENCE READING (mm)	OBSERVED READING (mm)	ERROR OBSERVED in (μm)
1	0.00000	0.00000 Set	0.00
2	10.00018	10.0002	+0.02
3	20.00007	20.0003	+0.23
4	29.99990	30.0002	+0.30
5	39.99992	40.0002	+0.28
6	50.00054	50.0007	+0.16
7	60.00017	60.0001	-0.07
8	70.00010	70.0003	+0.20
9	80.00064	80.0005	-0.14
10	90.00014	90.0005	+0.36
11	100.00051	100.0008	+0.29

2. REPEATABILITY : 0.0003 mm

3. PARALLELISM : 0.0005 mm

NOTE : The above given results are average of three measurement results and are corrected to 20°C.

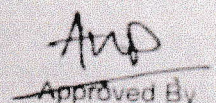
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Calibrated By

CLR 45





Approved By