



ACCURATE
Engineering Quality
Since 1963

Accurate Engineering Co. Pvt. Ltd.

(Precision Measuring Instruments & Services)

Office : 67, Hadapsar Industrial Estate, Pune - 411 013, India.

Tel.: +91-20-66069595, 66069501, 8600023615

E-mail : accurateengg@accurate.co.in Web : www.accurateengg.com

Works : A/P - Khalad, Saswad-Jejuri Rd., Tal. Purandhar, Dist. Pune - 412 301, India.

Tel. : +91 9970001681

CIN No. : U33129MH1963PTC012591

DECLARATION/UNDERTAKING

We, M/s. Accurate Engineering Company P. Ltd. declared that, we are understood, maintaining & following the process of General EHS Systems. In line with, we are submitted self-declaration with following clauses.

- We maintained all the necessary PPE's in good working condition while performing the work at ETL.
- We regularly inspected our tools & timely calibrated masters set (Air Plug & Setting Rings) which required to perform while working at ETL premises.



CERTIFICATE OF CALIBRATION

ISSUED BY :

ACCURATE ENGINEERING CO. PVT. LTD.

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

© 020 - 66069505 / 9568, Mob.: 9970012632, Email : calpun@accurate.co.in



NABL ACCREDITATION
CERTIFICATE NO. CC-2082

ULR - CC208221000000601F

Certificate No. : P/05/201122

MECHANICAL CALIBRATION - DIMENSION

Date of Issue : 19/01/2021

| Date of Calibration: 16/01/2021 | Next Calibration Date : 16/01/2023 | Page 1 | No. of Pages 2 |
|---------------------------------|------------------------------------|--------|----------------|
|---------------------------------|------------------------------------|--------|----------------|

NAME & ADDRESS OF CUSTOMER : M/s. ACCURATE ENGG. CO. PVT. LTD.
67, HADAPSAR INDUSTRIAL ESTATE, POST BOX NO.1202,
PUNE - 411 013.

CUSTOMER'S PO.NO. : CHALLAN NO.-455 DATE-14/01/2021

WORK ORDER NO. : PU/INT/2021/3208

GAUGE FOR CALIBRATION : SETTING RING GAUGES

CONDITION OF ITEM & DATE OF RECEIPT : O.K.
15/01/2021

CALIBRATION PROCEDURE : Determination of Actual size of Internal Diameter and diametrical variation was done by comparison with Ref. Ring Gauges on single axis Horizontal Length Measuring M/c. As per CP No. 05.

EQUIPMENT & MASTERS USED FOR CALIBRATION : 1. HORIZONTAL METROSCOPE (ULM) 01-600C WITH Make - CARL ZEISS Sr.No.- 6881 LAB.ID.NO.- E 02 valid upto 20th May 2022. (Calibrated at NABL Accredited Lab.)
2. PLAIN RING GAUGES, Lab ID.No.- R3/ 01-2, 4, 6, Calibrated at NABL accredited Lab valid upto 4th Nov. 2022.
3. PLAIN RING GAUGES, Lab ID.No.- R3/ 01-1,3, 5, 7, Calibrated at NABL accredited Lab valid upto 10th Sept. 2022.

TRACEABILITY : 1. Traceable to National Standards through NABL Lab.No.CC-2656 vide Cer.No. - CGIL/2020/0520/C-001 calibrated on 20th May 2020.
2. Traceable to National Standards through NABL Lab.No.CC-2764 vide Cer.No.-LAB/CA/04/02/20/1390,1391,1392 calibrated on 4th Nov. 20
3. Traceable to National Standards through NABL Lab.No.CC-2764 vide Cer.No.-LAB/CA/04/02/20/1174, calibrated on 10th Sept 2020

ENVIRONMENTAL CONDITION : 20.4° C.

UNCERTAINTY OF MEASUREMENT : ± 0.0015mm From 1mm to 200mm

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. Note is given as per customer's request.

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

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

CONTD. PAGE 2

Calibrated By

Rahul Pawar
Tech. Lab Assistant



Approved By

Aslam Sayyed
Head Measurement Services

CERTIFICATE OF CALIBRATION

ISSUED BY : ACCURATE ENGINEERING CO. PVT. LTD.
NABL ACCREDITED CALIBRATION LABORATORY NO.: CC-2082

Continuation of
Certificate No.:
P/05/201122
Dt: 16/01/2021
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of 2 Pages

ULR - CC208221000000601F MECHANICAL CALIBRATION - DIMENSION CALIBRATION RESULTS

SETTING RING GAUGES:

| SR. NO. | ACCURATE ID. NO. | CODE NO. SR. NO. | ETCHED SIZE (mm) | OBSERVED SIZE (mm) | MAKE |
|---------|--------------------|-------------------|-------------------------|-------------------------|----------|
| 1 | PU/INT/2021/3208/1 | -- 1524/24-7-1 | 20.0105 Set 0.0000 | 20.0105 Set +0.0012 | ACCURATE |
| 2 | PU/INT/2021/3208/2 | -- 1524/24-7-2 | 20.0105 Set +0.0150 | 20.0105 Set +0.0168 | ACCURATE |
| 3 | PU/INT/2021/3208/3 | -- 1524/24-7-3 | 20.0105 Set -0.0150 | 20.0105 Set -0.0143 | ACCURATE |
| 4 | PU/INT/2021/3208/4 | -- 1524/24-7-4 | 20.0105 Set +0.0300 | 20.0105 Set +0.0308 | ACCURATE |
| 5 | PU/INT/2021/3208/5 | -- 1524/24-7-5 | 20.0105 Set - 0.0300 | 20.0105 Set - 0.0296 | ACCURATE |

NOTE :1. THE 2 JETED APG 20 H7 CODE NO.-1524/24-7-A 'C' JET USED
2. THE 2 JETED APG 20 H7 CODE NO.- 1524/24-7-B 'E' JET USED

-----X-----

Calibrated By



Approved By