



PRECISION CALIBRATION LABORATORY

PLOT NO. : 644 (P) EKAMRA VILLA, JAYDEV VIHAR, BHUBANESWAR - 751 015

Ph. : 0674-2558250 (O), Mobile : 9937078250, 9938746358

Fax : 0674-2558250, E-mail : meher_calibration@yahoo.co.in



PCL/FORM/06

CALIBRATION CERTIFICATE MEASURING TAPE (0 – 5mtr)

Calibration Certificate No. PCL / 5705 / 25-26, Date of Issue : 26.09.2025
ULR NO : CC438725000005705F

Date of Calibration	Calibration Due on	Page	No of Pages
24.09.2025	24.09.2026	1 / 1	1

1. NAME & ADDRESS OF CUSTOMER : M/s UTKAL GALVANIZERS LTD
At: Kapursingh, P.O.: Oranda, Cuttack

2. CUSTOMER REF NO : REF NO. : UGL/L/25-26/005, DATE : 23.09.2025

3. DATE OF RECEIVED : 23.09.2025

4. DETAILS OF INSTRUMENT UNIT UNDER CALIBRATION (UUC) : MEASURING TAPE
MAKE : FREEMANS (MAX)
MODEL : IND/09/98/220
SR.NO : S 573- 22
RANGE : 0 – 5 Mtr.
RESOLUTION : 1.0mm
LOCATION : AT LAB

5. CONDITION OF INSTRUMENTS : OK

6. TRACEABILITY : Calibration is traceable to National Standard through NABL Accredited Laboratory.

7. DETAILS OF THE REFERENCE STANDARD : 1. MEASURING SCALE & TAPE CALIBRATOR
Make: OCTAGON, Sr. No: MSTC-1000/12, Model: MSTC-1000 Traceable to NABL Accredited Laboratory, CC-2660, Vide Certificate no. TI/K/MSTC/001/24, Date of Calibration : 05.11.2024, Next Calibration Due on: 04.11.2025.

8. ENVIRONMENTAL CONDITIONS : Temperature : 20°C ± 2°C
Relative Humidity : 40% - 60% R.H.

9. PROCEDURE : PCL / PROC / 22 / 5.4.1 / L based on to I.S. 1269 : 1997 (RA 2018)

10. CALIBRATION RESULTS

UUC in mm	Reference Standard in mm	Error in mm	Permissible Error in mm
0 - 50	50.012	+ 0.012	± 0.05mm
0 - 1000	1000.023	+ 0.023	± 0.05mm
1000 - 2000	1000.025	+ 0.025	± 0.05mm
2000 - 3000	1000.027	+ 0.027	± 0.05mm
3000 - 4000	1000.028	+ 0.028	± 0.05mm
4000 - 5000	1000.031	+ 0.031	± 0.05mm

11. Uncertainty measurement at 95% of confidence level with coverage factor k = 2 : ± 0.65mm

----- End Of Report -----

NOTE

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3. The calibration results reported in this certificates are valid at the time of and under the stated conditions of measurement.

Calibrated by

J. K. MEHER
Technical Manager



Approved by

M. K. MEHER
Quality Manager

17025 : 2017 ACCREDITED BY NABL & ISO 9001 : 2015 CERTIFIED CALIBRATION LABORATORY



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CC-4387

PCL/FORM/06

CALIBRATION CERTIFICATE MEASURING TAPE (0 - 15mt)

Calibration Certificate No. PCL / 5706 / 25-26, Date of Issue : 26.09.2025

ULR NO : CC438725000005706F

Date of Calibration	Calibration Due on	Page	No of Pages
24.09.2025	24.09.2026	1 / 1	1

- NAME & ADDRESS OF CUSTOMER** : M/s UTKAL GALVANIZERS LTD
At: Kapursingh, P.O.: Oranda, Cuttack
- CUSTOMER REF NO** : REF NO. : UGL/L/25-26/005, DATE : 23.09.2025
- DATE OF RECEIVED** : 23.09.2025
- DETAILS OF INSTRUMENT UNIT UNDER CALIBRATION (UUC)** : **MEASURING TAPE**
MAKE : FREEMANS (TOP LINE)
MODEL : IND/09/98/220
SR.NO : L 105 - 23
RANGE : 0 - 15 Mtr.
RESOLUTION : 1.0mm
LOCATION : AT LAB
- CONDITION OF EQUIPMENTS** : OK
- TRACEABILITY** : Calibration is traceable to National Standard through NABL Accredited Laboratory.
- DETAILS OF THE REFERENCE STANDARD** : **1. MEASURING SCALE & TAPE CALIBRATOR**
Make: OCTAGON, Sr. No: MSTC-1000/12, Model: MSTC-1000 Traceable to NABL Accredited Laboratory, CC-2660, Vide Certificate no. TI/K/MSTC/001/24, Date of Calibration : 05.11.2024, Next Calibration Due on: 04.11.2025.
- ENVIRONMENTAL CONDITIONS** : Temperature : 20°C ± 2°C
Relative Humidity : 40 to 60% R.H.
- PROCEDURE** : PCL / PROC / 22 / 5.4.1 / L based on to I.S. 1269 : 1997 (RA 2018)
- CALIBRATION RESULTS**

UUC in mm	Reference Standard in mm	Error in mm	Permissible Error in mm
0 - 50	50.011	+ 0.011	± 0.05mm
0 - 1000	1000.033	+ 0.033	± 0.05mm
1000 - 2000	1000.035	+ 0.035	± 0.05mm
3000 - 4000	1000.037	+ 0.037	± 0.05mm
7000 - 8000	1000.038	+ 0.038	± 0.05mm
11000 - 12000	1000.041	+ 0.041	± 0.05mm
14000 - 15000	1000.043	+ 0.043	± 0.05mm

11. Uncertainty measurement at 95% of confidence level with coverage factor k = 2 : ± 1.123mm

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J. K. MEHER

Technical Manager



Approved by

M. K. MEHER

Quality Manager

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PCL/FORM/06

CALIBRATION CERTIFICATE VERNIER CALIPER (0 - 200mm)

Calibration Certificate No. PCL / 5707 / 25-26, Date of Issue : 26.09.2025

ULR NO : CC438725000005707F

Date of Calibration	Calibration Due on	Page	No of Pages
24.09.2025	24.09.2026	1 / 1	1

1. NAME & ADDRESS OF CUSTOMER : M/s UTKAL GALVANIZERS LTD
At: Kapursingh, P.O.: Oranda, Cuttack
2. CUSTOMER REF NO : REF NO. : UGL/L/25-26/005, DATE : 23.09.2025
3. DATE OF RECEIVED : 23.09.2025
4. DETAILS OF INSTRUMENT UNIT UNDER CALIBRATION (UUC) : VERNIER CALIPER
MAKE : MITUTOYO
SR. NO : -----
RANGE : 0-200mm
RESOLUTION : 0.02mm
LOCATION : AT LAB
5. CONDITION OF EQUIPMENT : OK
6. TRACEABILITY : Traceable to National Standard through NABL Accredited Laboratory.
7. DETAILS OF THE REFERENCE STANDARD : 1. CALIPER CHECKER
Make: Aditya, Sr. No: 574. ID.NO. PCL/ME/086 is traceable to NABL Accredited Laboratory, CC-2660, Vide Certificate No. TI/B/CC/004/25, Calibration Date: 11.02.2025, Suggested Due Date: 10.02.2027.
8. ENVIRONMENTAL CONDITIONS : Temperature : 20°C ± 2°C
Relative Humidity : 40 to 60% R.H.
9. PROCEDURE : PCL/PROC/04/5.4.1/L based on I.S. 16491 (Part-1) : 2024

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Technical Manager



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M. K. MEHER

Quality Manager

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CC-4387

Calibration Certificate No. PCCL/3707/2025 CALIBRATION CERTIFICATE

Date of Calibration	Calibration Due on	Page	No of Pages
24.09.2025	24.09.2026	2 / 2	2

10. CALIBRATION RESULTS

EXTERNAL MEASUREMENT

Reference standard in mm	Reading in UUC in mm	Error in mm	Permissible Error in mm
0.00	0.00	0.00	± 0.02mm
20.00	20.00	0.00	± 0.02mm
50.00	50.00	0.00	± 0.02mm
100.00	100.00	0.00	± 0.03mm
150.00	150.00	0.00	± 0.03mm
200.00	200.00	0.00	± 0.04mm

INTERNAL MEASUREMENT

Reference standard in mm	Reading in UUC in mm	Error in mm	Permissible Error in mm
20.00	20.00	0.00	± 0.02mm
50.00	50.00	0.00	± 0.02mm
100.00	100.00	0.00	± 0.03mm
150.00	150.00	0.00	± 0.03mm
200.00	200.00	0.00	± 0.04mm

a) Parallelism of internal jaw	Not specified	'0' Error
b) Parallelism of external jaw	Not specified	'0' Error

11. Uncertainty measurement at 95% of confidence level with coverage factor $k = 2$: ± 14µm

----- End Of Report -----

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Technical Manager



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Quality Manager

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PCL/FORM/06

CALIBRATION CERTIFICATE

DIGITAL STOP WATCH

Calibration Certificate No. PCL / 5709 / 25-26, Date of Issue : 26.09.2025
ULR NO : CC438725000005709F

Date of Calibration	Calibration Due on	Page	No of Pages
24.09.2025	24.09.2026	1 / 1	1

1. NAME & ADDRESS OF CUSTOMER : M/s UTKAL GALVANIZERS LTD
At: Kapursingh, P.O.: Oranda, Cuttack
2. CUSTOMER REF NO : REF NO. : UGL/L/25-26/005, DATE : 23.09.2025
3. DATE OF RECEIVED : 23.09.2025
4. DETAILS OF INSTRUMENT UNIT UNDER CALIBRATION (UUC) : DIGITAL STOP WATCH
MAKE : WINNER
RANGE : 0 to 30 min
RESOLUTION : 1/100th sec
5. CONDITION OF EQUIPMENT : OK
6. TRACEABILITY : Calibration is traceable to National Standard through NABL Accredited Laboratory.
7. DETAILS OF THE REFERENCE STANDARD : 1. STOP WATCH CALIBRATOR
MAKE: DIGITAL INSTRUMENTATION, ID. NO.: DCT EI-09, Sr. No: 211020,
Traceable to National Standard through NABL Accredited Laboratory, CC-4062,
Vide Calibration Certificate No. CC406224000000325F, Date : 11.11.2024
Recommended Due Dt. 10.11.2025.
8. ENVIRONMENTAL CONDITIONS : Temperature : 20°C ± 2°C
Relative Humidity : 40 to 60% R.H.
9. PROCEDURE : PCL /PROC/14/5.4.1/based on to I.S. 10996: 2021 (NIST: 960-12:2009).
10. CALIBRATION RESULTS

Reference standard in Min Sec 1/100 th	Average value of UUC in Min Sec 1/100 th	Error in Min Sec 1/100 th
01 : 00 : 04	01 : 00 : 07	+ 00 : 00 : 03
05 : 00 : 07	05 : 00 : 10	+ 00 : 00 : 03
10 : 00 : 12	10 : 00 : 15	+ 00 : 00 : 03
15 : 00 : 10	15 : 00 : 14	+ 00 : 00 : 04
20 : 00 : 16	20 : 00 : 20	+ 00 : 00 : 04
29 : 59 : 48	29 : 59 : 52	+ 00 : 00 : 04

11. Uncertainty measurement at 95% of confidence level with coverage factor k = 2 : ± 1.23sec.
----- End Of Report -----

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Calibrated by

J. K. MEHER
Technical Manager



Approved by

M. K. MEHER
Quality Manager

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CALIBRATION CERTIFICATE

PCL/FORM/06

HYDROMETER

Calibration Certificate No. PCL / 5710 / 25-26, Date of Issue : 26.09.2025

Date of Calibration	Calibration Due on	Page	No of Pages
24.09.2025	24.09.2026	1 / 1	1

1. NAME & ADDRESS OF CUSTOMER : M/s UTKAL GALVANIZERS LTD
At: Kapursingh, P.O.: Oranda, Cuttack
2. CUSTOMER REF NO : REF NO. : UGL/L/25-26/005, DATE : 23.09.2025
3. DATE OF RECEIVED : 23.09.2025
4. DETAILS OF INSTRUMENT UNIT UNDER CALIBRATION (UUC) : **HYDROMETER**
MAKE : J.K.
RANGE : 1.00 to 2.00 Sp.Gr
RESOLUTION : 0.01 Sp. Gr
LOCATION : AT LAB
5. CONDITION OF EQUIPMENT : OK
6. TRACEABILITY : Calibration are traceable to National Standard through NABL Accredited Laboratory.
7. DETAILS OF THE REFERENCE STANDARD : **A DENSITY HYDROMETER**
MAKE : LEIMCO, SR. NO : 26504, RANGE : 1.000 to 2.000 g/ml , CC 3575
Vide Calibration Certificates no. NCL/25133-08, Date of Calibration : 17.08.2025
Calibration Due on 17.08.2026
8. ENVIRONMENTAL CONDITIONS : Temperature : 23°C $\pm$ 2°C,
Relative Humidity : 40 to 60% R.H.
9. PROCEDURE : Comparison method with reference to I.S. 3104:1982
10. CALIBRATION RESULTS

Calibration in Sp. Gr	Observed value in Sp. Gr.	Error in Sp. Gr.
1.00	1.00	0.00
1.40	1.41	+ 0.01
1.60	1.61	+ 0.02

11. Uncertainty measurement at 95% of confidence level with coverage factor K = 2 : $\pm$ 0.035 g/ml

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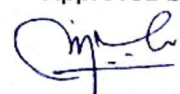
Calibrated by



J. K. MEHER
Technical Manager



Approved by



M. K. MEHER
Quality Manager

ISO 9001 : 2015 CERTIFIED CALIBRATION LABORATORY



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PCL/FORM/06

CALIBRATION CERTIFICATE UNIVERSAL TESTING MACHINE

Calibration Certificate No. PCL / 5711 / 25-26, Date of Issue : 26.09.2025
ULR NO : CC438725000005711F

Date of Calibration	Calibration Due on	Page	No of Pages
25.09.2025	25.09.2026	1 / 2	2

1. NAME & ADDRESS OF CUSTOMER : M/s UTKAL GALVANIZERS LTD
At: Kapursingh, P.O.: Oranda, Cuttack
2. CUSTOMER REF NO : REF NO. : UGL/L/25-26/005, DATE : 23.09.2025
3. DATE OF RECEIVED : 23.09.2025
4. DETAILS OF INSTRUMENT UNIT UNDER CALIBRATION (UUC) : UNIVERSAL TESTING MACHINE
MAKE : FUEL INSTRUMENTS & ENGG.
SR.NO. : 1/ 2006-3351
RANGE : 0 - 600 KN,
LEAST COUNT : 1.0 KN
LOCATION : UGL SITE
5. CONDITION OF EQUIPMENT : OK
6. TRACEABILITY : Calibration is traceable to National Standard through NABL Accredited Laboratory and NPL, New Delhi
7. DETAILS OF THE REFERENCE STANDARD : 1. FORCE PROVING INSTRUMENT
Capacity: 100KN, Sr. No: 12260.100KN Calibrated through NABL Accredited Laboratory, CC-1048, Vide Certificate No.240928C05-001, Date of Calibration : 30.09.2024 Calibration Due on: 29.11.2026.
2. FORCE PROVING INSTRUMENT
Capacity : 1000KN, Sr. No : PR1000KN.0178 Calibrated through NPL, New Delhi Vide Calibration No. 25031701/D1.05/C-031 Date : 25.04.2025, Date for next Calibration : 25.06.2027
8. ENVIRONMENTAL CONDITIONS : Temperature : $30^{\circ}\text{C} \pm 2^{\circ}\text{C}$
Relative Humidity : 40 to 70% R.H.
9. PROCEDURE : Comparison method with reference to I.S. 1828 (Part-1) :2022

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Technical Manager



Approved by

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CALIBRATION CERTIFICATE

Calibration Certificate No. PCL / 5711 / 25-26

Date of Calibration	Calibration Due on	Page	No of Pages
25.09.2025	25.09.2026	2 / 2	2

10. CALIBRATION RESULTS (Compression)

Results : Compression

The calibration data obtained in compression is valid for the following dial gauge setting only.

Large pointer at 12 o' clock position.

Small pointer at 1.

0 - 100KN									
Applied Force in KN	Standard Reading of Proving Ring	Temperature Corrected reading	Dial gauge Reading (Div)			Mean	Relative Accuracy Error %	Relative Repeatability % Error	Resolution
			Series 0°	Series 120°	Series 240°				
20	180.2	180.5	180	181	181	180.7	0.07	0.55	0.50
40	364.2	364.9	365	365	366	365.3	0.12	0.27	0.25
60	549.2	550.2	550	549	551	550.0	-0.04	0.36	0.16
80	734.7	736.1	736	735	737	736.0	-0.01	0.27	0.12
100	923.2	924.9	925	924	925	924.7	-0.03	0.11	0.12
0 - 600KN									
Applied Force in KN	Standard Reading of Proving Ring	Temperature Corrected reading	Dial gauge Reading (Div)			Mean	Relative Accuracy Error %	Relative Repeatability % Error	Resolution
			Series 0°	Series 120°	Series 240°				
100	107.2	107.4	107	108	108	107.7	0.25	0.93	1.00
200	213.0	213.4	213	214	214	213.7	0.12	0.47	0.50
300	315.6	316.2	316	317	317	316.7	0.15	0.32	0.33
400	420.3	421.1	422	423	423	422.7	0.37	0.24	0.25
500	525.2	526.2	527	528	528	527.7	0.28	0.19	0.20
600	625.0	626.2	628	629	629	628.7	0.40	0.16	0.16

11. Uncertainty measurement at 95% of confidence level with coverage factor $k = 2$: $\pm 0.84\%$

This Machine has been verified and result have been found within permissible limits as per Indian Standard IS - 1828 (Part-1)

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PCL/FORM/06

CALIBRATION CERTIFICATE DIGITAL BALANCE

Calibration Certificate No. PCL / 5712 / 25-26, Date of Issue : 26.09.2025
ULR NO : CC438725000005712F

Date of Calibration	Calibration Due on	Page	No of Pages
25.09.2025	25.09.2026	1 / 2	2

1. NAME & ADDRESS OF CUSTOMER : M/s UTKAL GALVANIZERS LTD
At: Kapursingh, P.O.: Oranda, Cuttack
2. CUSTOMER REF NO : REF NO. : UGL/L/25-26/005, DATE : 23.09.2025
3. DATE OF RECEIVED : 23.09.2025
4. DETAILS OF INSTRUMENT UNIT UNDER CALIBRATION (UUC) : **DIGITAL BALANCE**
MAKE : AVERY
MODEL : A612W
SL. NO : EB05AW105
RANGE : 6 Kg
RESOLUTION : 1 g
LOCATION : AT SITE
5. CONDITION OF EQUIPMENT : OK
6. TRACEABILITY : Calibration is traceable to National Standard through NABL Accredited Laboratory
7. DETAILS OF THE REFERENCE STANDARD : **1. STANDARD WEIGHT (E2 CLASS)**
MAKE: WEIGHTRONICS, SL.NO: WT/AS-II/2010/056, & SL.NO: SW/AS-II/2018/2411,
ID.NO: PCL/SW/09 Traceable to National standard Through NABL Accredited Laboratory, CC-3082 vide certificate no. BBT/1213/JAN/25 & BBT/1214/JAN/25, Dt.13.03.2025 Suggested date for Next Calibration 12.03.2026.
2. STANDARD WEIGHT (F1 CLASS)
MAKE: WEIGHTRONICS, SL.NO: WT/AS-III/2010/057, traceable to ID.NO: PCL/SW/01 National standard Through NABL Accredited Laboratory, CC-3082 vide certificate no. BBT/1215/JAN/25 Dt. 15.03.2025 & Suggested date for Next Calibration: 14.03.2026
8. ENVIRONMENTAL CONDITIONS : Temperature : 25°C ± 2°C
Relative Humidity : 40 to 60% R.H.
9. PROCEDURE : Comparison method with reference to OIML R-76-1 & According to calibration procedure DOC.NO:PCL/PROC/03/7.2/M

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CALIBRATION CERTIFICATE

Calibration Certificate No. PCL / 5712 / 25-26

Date of Calibration	Calibration Due on	Page	No of Pages
25.09.2025	25.09.2026	2 / 2	2

10. CALIBRATION RESULTS

Value of Mass in kg	Reference standard in Kg	Reading of Balance in g
6.0	6000.0030	5996.0
5.0	5000.0021	4997.8
2.0	1999.9979	1998.4
1.0	1000.0009	999.0
0.5	500.0005	499.5
0.2	200.00010	199.8
0.1	99.99991	100.0
0.05	49.99995	50.0
0.02	20.000039	20.0

ECCENTRICITY OF LOADING

Load	Location	Error
6 Kg	C	0.0
	1	+ 0.5
	2	0.0
	3	+ 0.5
	4	0.0

REPEATABILITY TEST

Load (Half Load) in kg	Error in g	Standard Deviation in g	Full Load in kg	Error in g	Standard Deviation in g
3.000	0.0	0.0066	6.000	0.0	0.0094
3.000	+ 0.5		6.000	+ 0.5	
3.000	0.0		6.000	0.0	
3.000	0.0		6.000	0.0	
3.000	+ 0.5		6.000	+ 0.5	

1. Uncertainty measurement at 95% of confidence level with coverage factor $k = 2$, $\pm 1.2g$

----- End Of Report -----

NOTE

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- The calibration results reported in this certificates are valid at the time of and under the stated conditions of measurement.

Calibrated by

J. K. MEHER
Technical Manager



Approved by

M. K. MEHER
Quality Manager

17025 : 2017 ACCREDITED BY NABL & ISO 9001 : 2015 CERTIFIED CALIBRATION LABORATORY



PRECISION CALIBRATION LABORATORY

PLOT NO. : 644 (P) EKAMRA VILLA, JAYDEV VIHAR, BHUBANESWAR - 751 015

Ph. : 0674-2558250 (O), Mobile : 9937078250, 9938746358

Fax : 0674-2558250, E-mail : meher_calibration@yahoo.co.in

PCL/FORM/06

CALIBRATION CERTIFICATE DIGITAL COATING THICKNESS GAUGE

Calibration Certificate No. PCL / 2535 / 26-27, Date of Issue : 09.03.2026

Date of Calibration	Calibration Due on	Page	No of Pages
07.03.2026	07.02.2027	1 / 1	1

1. NAME & ADDRESS OF CUSTOMER : M/s UTKAL GALVANIZERS LTD
At: Kapursingh, P.O.: Oranda, Cuttack
2. CUSTOMER REF NO : NIL, DATE : 06.03.2026
3. DATE OF RECEIVED : 06.03.2026
4. DETAILS OF INSTRUMENT UNIT UNDER CALIBRATION (UUC) : DIGITAL COATING THICKNESS GAUGE
MAKE : ACCU PLUS
SR. NO : 1262427
RANGE : 0 - 1500 micron
RESOLUTION : 0.1/1micron
LOCATION : AT LAB
5. CONDITION OF EQUIPMENT : OK
6. TRACEABILITY : Traceable to National Standard through NABL Accredited Laboratory.
7. DETAILS OF THE REFERENCE STANDARD : 1. DIGITAL MICROMETER
Make : Mitutoyo, Sr. No : 1323412 traceable to NABL Accredited Laboratory, CC-4387, Vide Calibration Certificate no. PCL/009/26-27, Dt. 05.01.2026, Calibration Due on : 05.01.2027
8. ENVIRONMENTAL CONDITIONS : Temperature : 20°C ± 2°C
Relative Humidity : 40 to 60% R.H.
9. PROCEDURE : PCL / PROC / 31 / 5.4.1 / L
10. CALIBRATION RESULTS

Reference standard in micron (Slit)	Average value of UUC in micron
50 ± 1%	50.2
101 ± 1%	101.0
250 ± 1%	248.0
496 ± 1%	496.0
496 ± 1%	493.0

11. Uncertainty measurement at 95% of confidence level with coverage factor k = 2 : ± 6µm

----- End Of Report -----

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Calibrated by

P. B. MEHER
Technical Asst.



Approved by

M. K. MEHER
Quality Manager

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PRECISION CALIBRATION LABORATORY

PLOT NO. : 644 (P) EKAMRA VILLA, JAYDEV VIHAR, BHUBANESWAR - 751 015

Ph : 0674-2558250 (O), Mobile : 9937078250, 9938746358

Fax : 0674-2558250, E-mail : meher_calibration@yahoo.co.in



PCL/FORM/06

CALIBRATION CERTIFICATE DIGITAL EXTERNAL MICROMETER

Calibration Certificate No. PCL / 5708 / 25-26, Date of Issue : 26.09.2025
ULR NO : CC438725000005708F

Date of Calibration	Calibration Due on	Page	No of Pages
24.09.2025	24.09.2026	1 / 1	1

- NAME & ADDRESS OF CUSTOMER** : M/s UTKAL GALVANIZERS LTD
At: Kapursingh, P.O.: Oranda, Cuttack
- CUSTOMER REF NO** : REF NO. : UGL/L/25-26/005, DATE : 23.09.2025
- DATE OF RECEIVED** : 23.09.2025
- DETAILS OF INSTRUMENT UNIT UNDER CALIBRATION (UUC)** : **DIGITAL EXTERNAL MICROMETER**
MAKE : MITUTOYO MODEL : 293-821-30
RANGE : 0 - 25mm RESOLUTION : 0.001mm
SR.NO : 65202936 LOCATION : AT LAB
- CONDITION OF EQUIPMENT** : OK
- TRACEABILITY** : Calibration is traceable to National Standard through NABL Accredited Laboratory.
- DETAILS OF THE REFERENCE STANDARD** : **1. SLIP GAUGE SET M10**
Make : MICRONIX, Grade : 'O', Sr. No : 7043 , ID. NO : PCL/ME/037 traceable to
NABL Accredited Laboratory, CC- 2660, Vide Certificate No TI/B/SGS/016/25
Date of Calibration : 11.02.2025, Calibration Due Date : 10.02.2027
- ENVIRONMENTAL CONDITIONS** : Temperature : 20°C ± 2°C
Relative Humidity : 40 to 60% R.H.
- PROCEDURE** : PCL/PROC/01/5.4.1/L based on I.S. 2967:1983 (RA 2018)

10. CALIBRATION RESULTS

Reference standard in mm	UUC in mm	Error in mm	Permissible Error in micron
2.50	2.501	+0.001	± 4
5.10	5.101	+0.001	± 4
7.70	7.702	+0.002	± 4
10.30	10.301	+0.001	± 4
12.90	12.902	+0.002	± 4
15.00	15.001	+0.001	± 4
17.60	17.601	+0.001	± 4
20.20	20.202	+0.002	± 4
22.80	22.801	+0.001	± 4
25.00	25.002	+0.002	± 4

11. Uncertainty measurement at 95% of confidence level with coverage factor $k = 2 : \pm 3\mu m$

----- End Of Report -----

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Calibrated by

J. K. MEHER
Technical Manager



Approved by

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Quality Manager

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