



CC-2806

CALIBRATION CERTIFICATE

In accordance with ISO / IEC-17025 : 2017

F10-CC-03

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Certificate No.: SCT/140426/11/2	ULR : CC280626300002570F
Customer Name & Address : M/s. RAMESH KRISHNA ENGINEERS PVT. LTD, P No.: 153/B, C, E, F, IDA, Phase 2, Cherlapally, Ghatkesar, Medchal-Malkajgiri -500051, Telangana	Issue Date : 16-04-2026 Reference Date : 14-04-2026 Calibration Date : 15-04-2026 Calibration Due Date : 14-04-2027

Details of Unit Under Calibration :

Description : Digital Caliper	
Make : Insize	Model : NA
Range : 0 - 300 mm	Sl.No. : 2909253677
Resolution : 0.01 mm	ID.No. : NA
Calibrated At : SIMCO Lab	Condition on Receipt : OK
Location : NA	Accuracy : ±30 µm
Code No. : 1112-300	

Environmental Conditions : Standard Temperature: (20±2)°C Relative Humidity: (50±10) % RH**Calibration SOP/Ref Standard :** SOP-DL-02, IS 16491:2024 (Part 1)**Mechanical Calibration:** Dimension

Master Instruments Detail

Name of the Master used	Id.No.	Certificate No.	Valid Upto
Steel Slip Gauge Set	SCT/PD/SG/01	SG/25/0606	13/09/2027
Steel Length Bars	SCT/PD/LB/01	LB/25/0607	13/09/2027
Steel Length Bars	SCT/PD/LB/02	LB/25/0605	13/09/2027
Steel Caliper Checker	SCT/PD/CC/01	CC/24/3898	10/09/2026
Cylindrical Measuring Pin	SCT/PD/CMPG/01	SCT/010126/1/2	31/12/2026
Master Setting Ring Gauge	SCT/PD/MSRG/01	SCT/010126/1/3	31/12/2026

Outside Measurement

S. No.	Standard Reading (mm)	Unit Under Calibration (mm)	Error (µm)	Expanded Uncertainty (± µm)
1	0	0.00	0	9
2	20	20.00	0	9
3	50	50.00	0	9
4	70	70.00	0	9
5	100	100.00	0	9
6	150	150.01	10	9
7	200	200.01	10	9
8	250	250.01	10	9
9	300	300.01	10	9



Manideep
Technical Associate Engineer
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Certificate No.: SCT/140426/11/2

ULR : CC280626300002570F

Inside Measurement

S. No.	Standard Reading (mm)	Unit Under Calibration (mm)	Error (µm)	Expanded Uncertainty (± µm)
1	20	20.00	0	9
2	50	50.00	0	9
3	100	100.01	10	9
4	150	150.01	10	9
5	200	200.01	10	9
6	250	250.01	10	9
7	300	300.01	10	9

Depth Measurement

S. No.	Standard Reading (mm)	Unit Under Calibration (mm)	Error (µm)	Expanded Uncertainty (± µm)
1	0	0.00	0	9
2	20	20.00	0	9
3	50	50.00	0	9
4	70	70.00	0	9
5	100	100.00	0	9
6	150	150.01	10	9
7	200	200.01	10	9
8	250	250.01	10	9
9	300	300.01	10	9

The Parallelism of External Jaws is 0.01 mm.

The Parallelism of Internal Jaws is 0.01 mm.

Remarks :

- The results in this certificate pertain to the item calibrated, are valid at the time of and at the stated environmental conditions.
- The results reported are "As- Found" without any adjustment.
- The Calibration interval is determined based on customer's requirement agreed with the customer.
- The Expanded Uncertainty is reported at 95.45% confidence level with coverage factor $k = 2$.
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- This Calibration Certificate is meant for scientific and industrial purpose only.
- The NABL Symbol is used as per the guideline NABL-133.
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- UUC = Unit Under Calibration, 1 mm = 1000 µm.



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** End of Certificate **

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Page 1 of 2

Certificate No.: SCT/140426/11/3	ULR : CC280626300002571F
Customer Name & Address : M/s. RAMESH KRISHNA ENGINEERS PVT. LTD, P No.: 153/B, C, E, F, IDA, Phase 2, Cherlapally, Ghatkesar, Medchal-Malkajgiri -500051, Telangana	Issue Date : 16-04-2026 Reference Date : 14-04-2026 Calibration Date : 15-04-2026 Calibration Due Date : 14-04-2027

Details of Unit Under Calibration :

Description	: Vernier Caliper		
Make	: Insize	Model	: NA
Range	: 0 - 200 mm	Sl.No.	: 2810250381
Resolution	: 0.02 mm	ID.No.	: NA
Calibrated At	: SIMCO Lab	Condition on Receipt	: OK
Location	: NA	Accuracy	: $\pm 40 \mu\text{m}$
Code No.	: 1205-2002S		

Environmental Conditions : Standard Temperature: $(20 \pm 2)^{\circ}\text{C}$ Relative Humidity: $(50 \pm 10) \% \text{RH}$ **Calibration SOP/Ref Standard :** SOP-DL-02, IS 16491:2024 (Part 1)**Mechanical Calibration: Dimension**

Master Instruments Detail

Name of the Master used	Id.No.	Certificate No.	Valid Upto
Steel Slip Gauge Set	SCT/PD/SG/01	SG/25/0606	13/09/2027
Steel Length Bars	SCT/PD/LB/01	LB/25/0607	13/09/2027
Steel Length Bars	SCT/PD/LB/02	LB/25/0605	13/09/2027
Steel Caliper Checker	SCT/PD/CC/01	CC/24/3898	10/09/2026
Cylindrical Measuring Pin	SCT/PD/CMPG/01	SCT/010126/1/2	31/12/2026
Master Setting Ring Gauge	SCT/PD/MSRG/01	SCT/010126/1/3	31/12/2026

Outside Measurement

S. No.	Standard Reading (mm)	Unit Under Calibration (mm)	Error (μm)	Expanded Uncertainty ($\pm \mu\text{m}$)
1	0	0.00	0	15
2	20	20.00	0	15
3	50	50.00	0	15
4	70	70.00	0	15
5	100	100.02	20	15
6	150	150.02	20	15
7	200	200.02	20	15

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Certificate No.: SCT/140426/11/3 **ULR :** CC280626300002571F**Inside Measurement**

S. No.	Standard Reading (mm)	Unit Under Calibration (mm)	Error (µm)	Expanded Uncertainty (± µm)
1	20	20.00	0	15
2	50	50.02	20	15
3	100	100.02	20	15
4	150	150.02	20	15
5	200	200.02	20	15

Depth Measurement

S. No.	Standard Reading (mm)	Unit Under Calibration (mm)	Error (µm)	Expanded Uncertainty (± µm)
1	0	0.00	0	15
2	20	20.00	0	15
3	50	50.00	0	15
4	70	70.00	0	15
5	100	100.02	20	15
6	150	150.02	20	15
7	200	200.02	20	15

The Parallelism of External Jaws is 0.02 mm.

The Parallelism of Internal Jaws is 0.02 mm.

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Certificate No.: SCT/140426/11/4	ULR : CC280626300002572F
Customer Name & Address : M/s. RAMESH KRISHNA ENGINEERS PVT. LTD, P No.: 153/B, C, E, F, IDA, Phase 2, Cherlaparthy, Ghatkesar, Medchal-Malkajgiri -500051, Telangana	Issue Date : 16-04-2026 Reference Date : 14-04-2026 Calibration Date : 15-04-2026 Calibration Due Date : 14-04-2027

Details of Unit Under Calibration :

Description : Dip Measuring Tape	
Make : Freemans	Model : NA
Range : 0 - 30 m (0 - 30000 mm)	SI.No. : NA
Resolution : 1 mm	ID.No. : RKEPL/DMT/01
Calibrated At : SIMCO Lab	Condition on Receipt : OK
Location : NA	Accuracy : ± 12.6 mm
Class : III	

Environmental Conditions : Standard Temperature: $(20 \pm 2)^{\circ}\text{C}$ Relative Humidity: $(50 \pm 10)\%$ RH**Calibration SOP/Ref Standard :** SOP-DL-09, IS 1269:1997 (Part 1 & 2)**Mechanical Calibration: Dimension****Master Instruments Detail**

Name of the Master used	Id.No.	Certificate No.	Valid Upto
Tape & Scale Measuring Machine	SCT/PD/TSM/01	CS25101301-01	12/10/2026

Calibration Results

S. No.	Unit Under Calibration (mm)	Standard Reading (mm)	Error (μm)	Expanded Uncertainty ($\pm \mu\text{m}$)
1	0	0.000	0	635
2	20	20.082	-82	635
3	50	50.134	-134	635
4	100	100.272	-272	635
5	500	500.369	-369	635
6	1000	1000.547	-547	635
7	2000	2000.784	-784	635
8	3000	3000.835	-835	635
9	4000	4001.247	-1247	635
10	5000	5001.448	-1448	635
11	6000	6001.657	-1657	635
12	7000	7001.891	-1891	635
13	8000	8002.642	-2642	635
14	9000	9003.486	-3486	635
15	10000	10004.251	-4251	635
16	15000	15005.364	-5364	635
17	20000	20006.497	-6497	635
18	25000	25007.524	-7524	635



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Certificate No.: SCT/140426/11/4		ULR : CC280626300002572F		
19	30000	30008.425	-8425	635

Thickness of graduation = 0.291 mm.

Distance between any two adjacent Millimeter scale marks = 1.014 mm to 1.019 mm.

Distance between any two adjacent Centimeter scale marks = 10.025 mm to 10.049 mm.

Distance between any two adjacent Decimeter scale marks = 100.049 mm to 100.082 mm.

Distance between any two adjacent Meter scale marks = 1000.237 mm to 1000.537 mm.

Note: The measuring tape is set to the zero position.

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Certificate No.: SCT/140426/11/5	ULR : CC280626300002573F
Customer Name & Address : M/s. RAMESH KRISHNA ENGINEERS PVT. LTD, P No.: 153/B, C, E, F, IDA, Phase 2, Cherlapally, Ghatkesar, Medchal-Malkajgiri -500051, Telangana	Issue Date : 16-04-2026 Reference Date : 14-04-2026 Calibration Date : 15-04-2026 Calibration Due Date : 14-04-2027

Details of Unit Under Calibration :

Description : Engineer's Square	
Make : Status	Model : NA
Range : 180 X 110 mm	Sl.No. : NA
Resolution : NA	ID.No. : RKEPL/ES/01
Calibrated At : SIMCO Lab	Condition on Receipt : OK
Location : NA	Accuracy : $\pm 10 \mu\text{m}$

Environmental Conditions : Standard Temperature: $(20 \pm 2)^{\circ}\text{C}$ Relative Humidity: $(50 \pm 10) \% \text{ RH}$ **Calibration SOP/Ref Standard :** SOP-DL-11, IS 2103:1980 & IS 12937:1990**Mechanical Calibration: Dimension****Master Instruments Detail**

Name of the Master used	Id.No.	Certificate No.	Valid Upto
Steel Slip Gauge Set	SCT/PD/SG/01	SG/25/0606	13/09/2027
Granite Square	SCT/PD/GS/01	26/WL/1554	19/01/2028
Granite Surface Plate	SCT/PD/GSP/01	TC/24-25/4079 01	09/05/2026
Digital Indicator	SCT/PD/DI/01	SCT/190925/1/1	18/09/2026

Calibration Results

S. No.	Parameter	Deviation (mm)	Expanded Uncertainty ($\pm \mu\text{m}$)
1	Squareness of outer edge of blade with respect to outer working face of stock	0.008	6
2	Squareness of inner edge of blade with respect to outer working face of stock	0.007	6
3	Straightness of blade edge & stock	0.008	6
4	Parallelism of blade edge & stock	0.008	6

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CALIBRATION CERTIFICATE

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Page 2 of 2

Certificate No.: SCT/140426/11/5**ULR : CC280626300002573F****Remarks :**

- a) The results in this certificate pertain to the item calibrated, are valid at the time of and at the stated environmental conditions.
- b) The results reported are "As- Found" without any adjustment.
- c) The Calibration interval is determined based on customer's requirement agreed with the customer.
- d) The Expanded Uncertainty is reported at 95.45% confidence level with coverage factor $k = 2$.
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Technical Associate Engineer
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CALIBRATION CERTIFICATE

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Page 1 of 2

Certificate No.: SCT/140426/11/6	ULR : CC280626300002574F
Customer Name & Address : M/s. RAMESH KRISHNA ENGINEERS PVT. LTD, P No.: 153/B, C, E, F, IDA, Phase 2, Cherlapally, Ghatkesar, Medchal-Malkajgiri -500051, Telangana	Issue Date : 16-04-2026 Reference Date : 14-04-2026 Calibration Date : 15-04-2026 Calibration Due Date : 14-04-2027

Details of Unit Under Calibration :

Description : Feeler Gauge Set	
Make : Hardman	Model : NA
Range : 0.03 - 1.00 mm	SI.No. : NA
Resolution : NA	ID.No. : RKEPL/FGS/01
Calibrated At : SIMCO Lab	Condition on Receipt : OK
Location : NA	Accuracy : $\pm 40 \mu\text{m}$
Leaves Qty. : 26	

Environmental Conditions : Standard Temperature: $(20 \pm 2)^{\circ}\text{C}$ Relative Humidity: $(50 \pm 10) \% \text{RH}$ **Calibration SOP/Ref Standard :** SOP-DL-14, IS 3179:2024**Mechanical Calibration:** Dimension

Master Instruments Detail

Name of the Master used	Id.No.	Certificate No.	Valid Upto
Digital Micrometer	SCT/PD/DM/01	SCT/200925/1/1	19/09/2026

Calibration Results

S. No.	Unit Under Calibration (mm)	Standard Reading (mm)	Expanded Uncertainty ($\pm \mu\text{m}$)
1	0.03	0.031	1.5
2	0.04	0.039	1.5
3	0.05	0.049	1.5
4	0.06	0.059	1.5
5	0.07	0.063	1.5
6	0.08	0.081	1.5
7	0.09	0.082	1.5
8	0.10	0.102	1.5
9	0.15	0.149	1.5
10	0.20	0.201	1.5
11	0.25	0.264	1.5
12	0.30	0.305	1.5
13	0.35	0.349	1.5
14	0.40	0.411	1.5
15	0.45	0.449	1.5
16	0.50	0.489	1.5
17	0.55	0.552	1.5
18	0.60	0.604	1.5



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Certificate No.: SCT/140426/11/6		ULR : CC280626300002574F	
19	0.65	0.625	1.5
20	0.70	0.701	1.5
21	0.75	0.751	1.5
22	0.80	0.810	1.5
23	0.85	0.852	1.5
24	0.90	0.902	1.5
25	0.95	0.980	1.5
26	1.00	1.002	1.5

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** End of Certificate **

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Certificate No.: SCT/140426/11/7	ULR: CC280626300002575F
Customer Name & Address : M/s. RAMESH KRISHNA ENGINEERS PVT. LTD, P No.: 153/B, C, E, F, IDA, Phase 2, Cherlapally, Ghatkesar, Medchal-Malkajgiri -500051, Telangana	Issue Date : 16-04-2026 Reference Date : 14-04-2026 Calibration Date : 15-04-2026 Calibration Due Date : 14-04-2027

Details of Unit Under Calibration :

Description : Outside Micrometer	
Make : NA	Model : NA
Range : 0 - 50 mm	SI.No. : NA
Resolution : 0.01 mm	ID.No. : RKEPL/OM/01
Calibrated At : SIMCO Lab	Condition on Receipt : OK
Location : NA	Accuracy : $\pm 4 \mu\text{m}$

Environmental Conditions : Standard Temperature: $(20 \pm 2)^{\circ}\text{C}$ Relative Humidity: $(50 \pm 10) \% \text{ RH}$ **Calibration SOP/Ref Standard :** SOP-DL-01 & SOP-DL-21, IS 2967:1983**Mechanical Calibration: Dimension****Master Instruments Detail**

Name of the Master used	Id.No.	Certificate No.	Valid Upto
Steel Slip Gauge Set	SCT/PD/SG/01	SG/25/0606	13/09/2027
Electronic Comparator with P25 Probe	SCT/PD/ECP/01	SCT/220925/1/2	21/09/2027
Granite Surface Plate	SCT/PD/GSP/01	TC/24-25/4079 01	09/05/2026

Calibration Results

S. No.	Unit Under Calibration (mm)	Standard Reading (mm)	Error (μm)	Expanded Uncertainty ($\pm \mu\text{m}$)
1	0.00	0.000	0	3
2	2.50	2.502	-2	3
3	5.10	5.102	-2	3
4	7.70	7.702	-2	3
5	10.30	10.302	-2	3
6	12.90	12.902	-2	3
7	15.00	15.002	-2	3
8	17.60	17.602	-2	3
9	20.20	20.202	-2	3
10	22.80	22.802	-2	3
11	25.00	25.002	-2	3

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Certificate No.: SCT/140426/11/7

ULR : CC280626300002575F

With Interchangeable Anvil

S. No.	Unit Under Calibration (mm)	Standard Reading (mm)	Error (μm)	Expanded Uncertainty ($\pm \mu\text{m}$)
1	50.00	50.002	-2	3

Micrometer Setting Standard

S. No.	Standard Reading (mm)	Unit Under Calibration (mm)	Expanded Uncertainty ($\pm \mu\text{m}$)
1	25	25.0008	1.5

Flatness of Anvil Measuring Face is 1.0 μm .Flatness of Spindle Measuring Face is 1.0 μm .Parallelism between Anvil & Spindle Measuring Face is 1.0 μm .**Remarks :**

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Digitally signed by
N.V.Kameswararao
Date: 2026.04.16 13:51:56 +05:30
Reason: Calibration Certificate

Authorized Signatory



CALIBRATION CERTIFICATE

Customer Name & Add.: M/s. Ramesh Krishna Engineers Pvt. Ltd.,
P.No.153/B, C, E, F, IDA, Phase 2, Cherlapally, Ghatkesar, Medchal-Malkajgiri,
Telangana - 500051.

SRF No.: TSC/26-27/1929

Dated : 18 Apr 2026

Cert. Issued Date: 20 Apr 2026

ULR No.: CC223126000041900F

Calibration Certificate Number	Calibrated Date	Calibration Due Date	Page Number
TSC/26-27/1929-1	18 Apr 2026	17 Apr 2027	1 of 2

Details of device under calibration		Transcal ID	: TSC618617
Nomenclature : Laser Distance Meter		No. of Pages	: 2
Make : R-Tek		Cal Procedure No.	: TSC/CAL/459
Model/Range : RT-50M / 0.05 m - 60 m		DUC Received	: 18 Apr 2026
Sl.No. : NA		DUC Condition on Receipt	: Satisfactory
Id No. : RKEPL/LD/01		Cal At	: Dimensional Lab
Calibrated By : Karthick Rao B R, Calibration Engineer			

Environmental Conditions: Temperature in °C : 19.8 Humidity in RH % : 55.6

Standards used:

Sl. No.	Nomenclature	Make	Model	Sl. No./ID.No.	Certificate No.	Validity
1	Slip Gauge Set (Grade "0")	Microlap Gauges	0.5-100mm	MG/060	TSC/25-26/INH/MCAL-192-1	29 Apr 2027
2	Gauge Block set	Mikronix	125-500mm ("0" Grade)	5267	TSC/24-25/INH/MCAL-144-1	06 Mar 2027
3	Long series Gauge Blocks	Mikronix	200-500mm ("0" Grade)	8611	TSC/25-26/INH/MCAL-110-1	04 Apr 2027

Note:

1. This Calibration Certificate relates only to the above DUC & Reported results are valid at the time of and under the stated conditions of measurements.
2. Partial Publication/ reproduction of this Certificate in any form is not permitted without the written consent of TransCal Technologies LLP
3. Errors if any, in this Certificate shall be brought to notice within 45 days from the date of this Certificate
4. Measurement Uncertainty reported is at approximately 95 % confidence level with k=2; Units of Measurement results & Measurement Uncertainty are same as that of range selected - Unless otherwise indicated
5. Calibration of the DUC is traceable to National/International Standards.
6. Corrections/erasing invalidate the Calibration Certificate.
7. Unless otherwise specified the Measurement Data reported is 'As Found'-Without any adjustment.
8. The Decision Rule:

Simple Conformity Decision: Decision without considering Measurement Uncertainty, "PASS" indicates measured value is within or on threshold of Tolerance limit/Accuracy. "FAIL" indicates measured value is beyond threshold of Tolerance limit/Accuracy. "--" indicates no tolerance limit/Accuracy furnished.



Reviewed & Authorised By

Avinash R
Avinash R
(Lab In charge)



CAL. CERT. NO. TSC/26-27/1929-1

ULR No.: CC223126000041900F

Page No: 2 of 2

Range : 0.02 - 50 m

L.C. : 0.001 m

Accuracy : ± 2 mm**Results :**

Sl.No.	Std.Value Set in mm	Measured Values		Error Observed in m	Remarks
		in m	in mm		
1	20	0.019	19	-0.001	Pass
2	50	0.049	49	-0.001	Pass
3	100	0.099	99	-0.001	Pass
4	200	0.199	199	-0.001	Pass
5	500	0.499	499	-0.001	Pass
6	800	0.799	799	-0.001	Pass
7	1000	0.999	999	-0.001	Pass
8	1500	1.499	1499	-0.001	Pass
9	2000	1.999	1999	-0.001	Pass

Conclusion/ Remarks:Measurement uncertainty is ± 350 μ m at 95 % confidence level with k=2

Accuracy mentioned as per manufacturer's specifications.

Note : NABL facility is upto 2000 mm only

*** End of Certificate ***



Reviewed & Authorised By

Avinash R
(Lab In charge)

CALIBRATION CERTIFICATE

In accordance with ISO/IEC-17025:2017

F10-CC-03

Page 1 of 2

Certificate No.: SCT/140426/11/1	ULR: CC280626400000350F
Customer Name & Address: M/s. RAMESH KRISHNA ENGINEERS PVT. LTD, P No.: 153/B, C, E, F, IDA, Phase 2, Cherlapally, Ghatkesar, Medchal-Malkajgiri -500051, Telangana	Issue Date: 15-04-2026 Reference Date: 14-04-2026 Calibration Date: 14-04-2026 Calibration Due Date: 13-04-2027

Details of Unit Under Calibration :

Description : Digital Clamp Meter	Model : B-266
Make : Beetech	SI.No. : 25070490
Range : As per the table	ID.No. : NA
Resolution : As per the table	Condition on Receipt : OK
Calibrated At : SIMCO Lab	

Environmental Conditions : Temperature : (25±4)°C Relative Humidity : (45±15) % RH

Calibration SOP/Ref Standard : SOP-ETL-01, IS1248-Part 9, IS13875-Part1&2, IS13779(Class1&2), IS14697(Class0.2&0.5), IS12346

Electro-Technical-AC/DC Source & Temperature Simulation

Master Instruments Detail

Name of the Master used	Id.No.	Certificate No.	Valid Upto
Digital Multi Product Calibrator	SCT/PE/5.5MPC/01	SCT/100126/13/2	12/01/2027

Calibration Results

S.No.	Mode	Parameter	Range	Average Master Reading	Average UUC Reading	Error	Expanded Uncertainty in ± %
1	Measure	DC Voltage	200 mV	1.0000 mV	0.9 mV	-0.1 mV	9.8490
2	Measure	DC Voltage		100.0000 mV	99.9 mV	-0.1 mV	0.0890
3	Measure	DC Voltage		180.0000 mV	179.9 mV	-0.1 mV	0.0500
4	Measure	DC Voltage	1000 V	1.000000 V	1.003 V	0.003 V	0.1120
5	Measure	DC Voltage		500.000 V	502 V	2 V	0.1760
6	Measure	DC Voltage		950.000 V	951 V	1 V	0.0930
7	Measure	AC Voltage @50Hz	750 V	1.00000 V	0.9 V	-0.1 V	16.8550
8	Measure	AC Voltage @50Hz		375.00 V	376 V	1 V	0.2430
9	Measure	AC Voltage @50Hz		713.00 V	714 V	1 V	0.1380
10	Measure CC	AC Voltage @50Hz	1000 A	10.00 A	9.67 A	-0.33 A	0.0910
11	Measure CC	AC Voltage @50Hz		500 A	499 A	-1 A	0.1770
12	Measure CC	AC Voltage @50Hz		950 A	948 A	-2 A	0.0930
13	Measure	Resistance	500 MΩ	1.000 Ω	0.9 Ω	-0.1 Ω	11.7310
14	Measure	Resistance		15.0000 kΩ	14.99 kΩ	-0.01 kΩ	0.0700
15	Measure	Resistance		250.000 MΩ	249 MΩ	-1 MΩ	1.8000



A. Navya
Technical Associate Engineer
Calibrated By

Digitally signed by
N.V.Kameswararao
Date: 2026.04.15 14:58:56 +05:30
Reason: Calibration Certificate

Authorized Signatory



SIMCO CALIBRATION & TESTING PVT LTD

(FORMALLY KNOWN AS SIMCO CALIBRATION LABORATORY)

10-3-74/27, Lane No: 2, Street No. 3, TEACHER'S COLONY, EAST MARREDPALLY, SECUNDERABAD -
500 026, 7729991231/32/33, 9848046524, e-mail: simco.hyd@gmail.com info@simco-india.com
www.simcocalibrationlaboratory.com



CC-2806

CALIBRATION CERTIFICATE

In accordance with ISO/IEC-17025:2017

F10-CC-03

Page 2 of 2

Certificate No.: SCT/140426/11/1		ULR : CC280626400000350F			
16	Measure	Resistance	480.00 MΩ	478 MΩ	-2 MΩ
Remarks :					1.8660

- a) The results in this certificate pertain to the item calibrated, are valid at the time of and at the stated environmental conditions.
- b) The results reported are "As- Found" without any adjustment.
- c) The Calibration interval is determined based on customer's requirement agreed with the customer.
- d) The Expanded Uncertainty is reported at 95.45% confidence level with coverage factor $k = 2$.
- e) This Calibration Certificate shall not be reproduced in full, except with prior written approval of Managing Director, SIMCO Calibration & Testing Pvt. Ltd.
- f) This Calibration Certificate is meant for scientific and industrial purpose only.
- g) The NABL Symbol is used as per the guideline NABL-133.
- h) The Metrological traceability of results is established through an unbroken chain of calibrations referring to National /International Standards.
- i) The results are reported using the method stated and there is no addition or deviation or exclusion from the method used.
- j) The laboratory is responsible for all information reported except for data provided by customer(if applicable will be identified)
- k) UOM = Unit of Measurement & UUC = Unit Under Calibration.

A. Navya
Technical Associate Engineer
Calibrated By



** End of Certificate **

Digitally signed by
N.V.Kameswararao
Date: 2026.04.15 14:58:56 +05:30
Reason: Calibration Certificate

Authorized Signatory



CALIBRATION CERTIFICATE

In accordance with ISO / IEC-17025 : 2017

F10-CC-03

Page 1 of 2

Certificate No.: SCT/100725/3/5	ULR : CC280625300002226F
Customer Name & Address : M/s. RAMESH KRISHNA ENGINEERS PVT LTD., H.No. 3-5-224/1B, Krishna Nagar Colony, ZTS, NFC Main Road, MOULA-ALI, Hyderabad -500040, Telangana	Issue Date : 11-07-2025 Reference Date : 10-07-2025 Calibration Date : 11-07-2025 Calibration Due Date : 10-07-2026

Details of Unit Under Calibration :

Description : Coating Thickness Gauge with Foils	
Make : Metrix	Model : NA
Range : 0 - 1250 μ m	SI.No. : N1056102
Resolution : 0.1/1 μ m	ID.No. : RKE/CTGF/01
Calibrated At : SIMCO Lab	Condition on Receipt : OK
Location : QC Department	Accuracy : $\pm(1+3\%) \mu$ m/ $\pm 2.5 \mu$ m
Foil Qty. : 5 No.'s	

Environmental Conditions : Standard Temperature: (20 $\pm$ 2) $^{\circ}$ C Relative Humidity: (50 $\pm$ 10) % RH

Calibration SOP/Ref Standard : SOP-DL-19 & SOP-DL-34

Mechanical Calibration: Dimension

Master Instruments Detail

Name of the Master used	Id.No.	Certificate No.	Valid Upto
Electronic Comparator with P25 Probe	SCT/PD/ECP/01	23/WL/9850	24/09/2025
Comparator Stand	SCT/PD/CS/01	25/WL/7279	30/05/2026
Thickness Foils	SCT/PD/TF/01	SCT/080725/1/1	07/07/2026

Calibration Results for Coating Thickness Gauge

S. No.	Standard Reading (μ m)	Unit Under Calibration (μ m)	Error (μ m)	Expanded Uncertainty ($\pm \mu$ m)
1	11 $\pm$ 1 μ m	10.8	-0.2	2
2	26.9 $\pm$ 1 μ m	26.5	-0.4	2
3	50 $\pm$ 1 μ m	49.6	-0.4	2
4	99 $\pm$ 1 μ m	98.6	-0.4	2
5	193.4 $\pm$ 1%	192	-1	2
6	293.7 $\pm$ 1%	292	-2	2
7	406 $\pm$ 5 μ m	404	-2	3
8	735 $\pm$ 8 μ m	733	-2	4

Calibration Results for Thickness Foils

S. No.	Unit Under Calibration (μ m)	Standard Reading (μ m)	Expanded Uncertainty ($\pm \mu$ m)
1	50 $\pm$ 0.5 μ m	50.3	1.1
2	124 $\pm$ 1 μ m	123.2	1.1
3	292 $\pm$ 3 μ m	294.5	1.1
4	403 $\pm$ 5 μ m	403.8	1.1



Manideep

Technical Associate Engineer

Calibrated By

Digitally signed by P. A. Anandam
Date: 2025.07.11 17:23:05 +05:30
Reason: Calibration Certificate
Location: Secunderabad

Authorized Signatory

SIMCO SIMCO CALIBRATION & TESTING PVT. LTD.

(FORMERLY KNOWN AS SIMCO CALIBRATION LABORATORY)

10-3-74/27, Lane No. 2, Street No. 3, Teacher's Colony, East Marredpally, Secunderabad - 500 026, Telangana.

Mob: 7729991231/32/33/35, 98480 46524,

E-mail : simco.hyd@gmail.com, info@simco-india.com, www.simcocalibrationlaboratory.com



CC-2806

CALIBRATION CERTIFICATE

In accordance with ISO / IEC-17025 : 2017

F10-CC-03

Page 2 of 2

Certificate No.: SCT/100725/3/5		ULR : CC280625300002226F	
5	755 ± 8 µm	760.2	1.1
Note: Instrument Least Count 0.1 µm upto 100 µm and 1 µm above 100 µm.			

Remarks :

- This certificate pertains only to the item calibrated.
- The calibration results reported in this certificate are valid at the time of and at the stated environmental conditions.
- The calibration interval is determined based on customer's requirements.
- The calibration is traceable to National standards as per traceability details given in the certificate.
- This calibration certificate shall not be reproduced in full, except with prior written approval of Managing Director, SIMCO Calibration & Testing Pvt. Ltd.
- This calibration certificate is meant for scientific and industrial purpose only.
- The NABL Symbol is used as per NABL guidelines in NABL-133.
- The Expanded Uncertainty is reported at 95% confidence level with approximate coverage factor k= 2.
- Accuracy/Acceptance Criteria is taken as per Manufacturers Manual/Customer Requirement.
- 1 mm = 1000 µm.

Manideep
Technical Associate Engineer
Calibrated By



** End of Certificate **

Digitally signed by P.A. Anandam
Date: 2025.07.01 17:23:05 +05:30
Reason: Calibration Certificate
Location: Secunderabad

Authorized Signatory

Inspection / Calibration Certificate

**BOSCH**

Certificate No. PCPL/32024/18430

Product:

Job No BN 18951
Description Optical Level GOL 32D
Part No 3 601 K68 500
SI No 326001431

Inspection:

Date 03-03-2026
Item Received on 24-02-2026
Condition on Receipt Satisfactory
Inspector Praveen
NextService ---

Equipment used for Calibration

- 1 Elevating Stand 2 with optical level PCPL 653
- 2 Indexing Table
- 3 Universal Stand 1 PCPL 651

Traceability

Master Instrument calibrated vide ULR No.
CC229924000000090F Valid till 04/02/2027

Environment Temperature at start 20.2 at end 20.4 in degree centigrade

The product was checked optically and mechanically

Inspection result:**Base Plate**

Sl. No	Reference Angle in deg	Measured Angle in deg	Observed Level in sec	Level in mm @ 30 mts.
1	0	0	0	0
2	45	45	0	0
3	90	90	0	0
4	120	120	0	0
5	180	180	0	0
6	240	240	0	0
7	270	270	0	0
8	315	315	0	0
9	360	360	0	0

Trivet OK
Bubble Level OK

Optic

Ocular OK
Crosshairs OK
Focusing Device OK

Base Plate

Stability OK
Working range OK
Accuracy OK

Remarks:

Height accuracy for individual measurement 3 mm/30 m for GOL 20D
Height accuracy for individual measurement 1.6 mm/30 m for GOL 26D
Height accuracy for individual measurement 1 mm/30 m for GOL 32D

Uncertainty of Angle measurement at 95% confidence level with coverage factor $k=2 \pm 0.4$ degree

Uncertainty of level measurement at 95% confidence level with coverage factor $k=2 \pm 6.4$ seconds

Calibration is conducted with reference to master equipments traceable to National Standards

In order to maintain your unit in optimal operating condition, we recommend that the calibration be checked at least once per year. If you suspect any irregular or erroneous readings, as well as after impact or fall, it is necessary to inspect the product immediately.

This certificate refers to the values obtained at the time of calibration. This certificate relates only to the item mentioned, this calibration report shall not be reproduced except in full or part without the written approval of Bosch Limited. The results reported are valid at the time of and under stated conditions of measurement.

Signature Calibration Engineer

Signature Technical Manager

Bosch India Limited

Location: PA-AT Complex, Post Box No. 3000, Hosur Road, Adugodi, Bangalore - 560 030 Ph: 080-22999778

Calibrated At: No. 5, 5th F Cross, 5th Main, Ganapathipura, Kanakpura Main Road, Bangalore - 560062

CALIBRATION CERTIFICATE

ULR NO. : CC42482500004921F	Discipline / Group : Mechanical / Dimension
Certificate No. : FTCL/2025/06/5903	Date of Issue : 21.06.2025
Calibration Date : 20.06.2025	Page No. : 1 of 1
Next Cali. Due Date : 19.06.2026	

1. Customer : RAMESH KRISHNA ENGINEERS PVT. LTD. Plot No. 127, Ida Cherlapally Main Road, Vimta Labs Ltd. Hyderabad Medchal, Malkgiri, Telangana - 500 051. India (Through : 99 Instruments - Vapi)	Service Request No. : FTCL/SRF/2025/211 Challan No. : J-128 Date of Receipt : 20.06.2025 Condition of Item : Ok Calibration Location : At Lab Procedure No. : FTCL/SWP/D-04 Reference Standard : IS : 2092
---	--

2. Description of Device Under Calibration (DUC*) :

Name : Digital Dial Gauge (Surface Profile Gauge)	Range : 0-12.7 mm
I.D.No. : 2239150	L.C / Resolution : 0.001 mm
Make / Model : --- / ---	Accuracy : ---
Serial No. : 2239150	Location : ---
Type : Digital	

3. Description of Standard Equipment Used for Calibration :

Name : Dial Calibration Tester
 I.D.No. : FTCL-EQP-005
 Certificate No. : 2024 / 08 / 3426
 Certified By : CC-2875 : (SHTC - Nashik)
 Cal. Validity : 21.08.2025

4. Environmental Details : Temperature : 19.8 °C Relative Humidity : 51% R.H.

5. Calibration Results :

Range of DUC*	DUC* Reading (mm)	Observed Error (µm)	DUC* Reading (mm)	Observed Error (µm)	DUC* Reading (mm)	Observed Error (µm)	± Expanded Uncertainty
0-12.7 mm	0.00	0.0	1.00	-0.6	6.00	-1.0	3.2 µm
	0.01	-0.2	2.00	-0.8	7.00	-1.4	
	0.05	-0.4	3.00	-1.2	8.00	-1.6	
	0.10	-0.6	4.00	-1.4	9.00	-1.2	
	0.50	-0.4	5.00	-1.2	10.00	-1.0	

● Repeatability : 0.001 mm

● Hysteresis : 0.001 mm

Note :

- DUC* Stand for Device Under Calibration.
- The Standards used are traceable to National / International Standards through reference standard & their calibration are valid.
- The results refers only to the particular item submitted for calibration.
- Reported Expanded Uncertainty is at Coverage Factor k=2 & at 95% Confidence Level.
- This certificate shall not be reproducing, except in full, unless written approval from "FUTURE TECH CALIBRATION LAB".
- The results in this calibration certificate are valid at the time of and under the stated condition of measurement.

Calibrated By

S.P.

Shivam Patel
(Calibration Engineer)



Authorised Signatory

Hiren Patel
Hiren Patel
(Quality Manager)

--- End of Calibration Certificate ---

FTCL/F-38

Certificate of Calibration

Discipline - Mechanical (Permanent Facility)				ULR -CC287524000033266F	
DATE OF ISSUE	CERTIFICATE NO.	DATE OF CALIBRATION	PAGE		
22/08/2024	2024/08/3426	21/08/2024	1 OF 2		

CALIBRATED FOR : FUTURE TECH CALIBRATION LAB,
33, 1st Floor, Global Chamber, Opp SBPP Bank,
Near V.I.A., Chhat Rasda GIDC Vapi

CUSTOMER REF. NO. : 2066 DATE: 20/08/2024

THROUGH : —

INWARD NO. : 08/3426

INSTRUMENT UNDER TEST: DIAL CALIBRATION TESTER

INSTRUMENT IDENTIFICATION : MAKE: MICRON

RANGE: 0 - 25 mm

L.C.: 0.0002 mm

SR. NO: —

ID NO: FTCL-EQP-005

PRE CALIBRATION STATUS : OK

ENVIRONMENTAL CONDITIONS : TEMPERATURE : 20°C (±1°C)

HUMIDITY : 50 ± 10%.

DOCUMENT REFERRED : SHTC/WI/22

MASTER EQUIPMENT USED : ELEC.COMPARATOR, SHTCEC/002

TRACEABILITY : Traceable to National standards through NABL lab No.CC-2875

Valid Certificate No.:2024/072902, valid up to:15/07/2026

NEXT CALIBRATION DUE ON : 21/08/2025

(Suggested By Customer)

UNCERTAINTY OF MEASUREMENT : ± 0.9 µm

THE UNCERTAINTY STATED IS THE EXPANDED UNCERTAINTY IN MEASUREMENT FOR CONFIDENCE LEVEL 95% (K=2.00)

NOTE : a) CALIBRATION RESULTS ARE ENCLOSED ON PAGE NO.2 ONWARDS.

b) THE CERTIFICATE IS ISSUED SUBJECT TO CONDITIONS STATED OVERLEAF.

OF 510

Abhijit Patil

CALIBRATED BY :



Vasant Gangwade (CEO)

APPROVED BY :



info@sankalpcalibration.com

+91 0253 2387065

7589304232



7/5, RAMSETU, SHRI RAM CHOWK
AHMEDABAD SATPUR LINK ROAD
AHMEDABAD, GUJARAT - 380010

Certificate of Calibration

DATE OF ISSUE	CERTIFICATE NO.	DATE OF CALIBRATION	PAGE
22/08/2024	2024/08/3426	21/08/2024	2 OF 2

DIAL CALIBRATION TESTER

CALIBRATION RESULTS

POST CALIBRATION STATUS
1. DEVIATION OF TRAVERSE OF THE MICROMETER SCREW

(All dimensions are in mm)			
Sr. No.	Unit Under Calibration	Reference Standard Dimensions	Observed Error
1	0	0.0000	0.0000
2	2.5	2.4996	0.0004
3	5.1	5.0998	0.0002
4	7.7	7.6994	0.0006
5	10.3	10.2988	0.0012
6	12.9	12.8986	0.0014
7	15	14.9984	0.0016
8	17.6	17.5982	0.0018
9	20.2	20.1980	0.0020
10	22.8	22.7964	0.0016
11	25	24.9963	0.0017

2. HYSTERESIS ERROR IS : 0.0006 mm

OF 320

Abhijit Patil

CALIBRATED BY :



Vasant Gangwade (CEO)

APPROVED BY :



info@sankalpcalibration.com

+91 0253 2387065

7589304232



7/5, RAMSETU, SHRI RAM CHOWK
AHMEDABAD SATPUR LINK ROAD
AHMEDABAD, GUJARAT - 380010

CERTIFICATE OF CALIBRATION

ULR - CC379926000021212F

ISSUE DATE : 22/04/2026

CERTIFICATE NO. : PC - 04 - 26 / ATL / 1503 - 01

CUSTOMER : M/s. RAMESH KRISHNA ENGINEERS PVT.LTD.,

CAL DATE : 17/04/2026

ADDRESS : P.No.: 153/B, C, E, F, IDA, Phase 2, Charlaparthy, Ghatkesar,
Medcha-Malkajgiri - 500051, Telangana.

NEXT DUE DATE : 16/04/2027

CUST REF : Letter Dated : 15/04/2026

PAGE NO. : 1/1

DEPT : MECHANICAL LAB

TRY SQUARE

DATE OF RECEIPT : 15/04/2026

TEMPERATURE : 20.1°C

PHYSICAL CONDITION : SATISFACTORY

HUMIDITY : 50%RH

GAUGE DETAILS

MAKE : STATUS

MODEL : --

SIZE : 300X150mm

ID.NO. : ---

STANDARD USED	SL.NO	CERT.NO	VALIDITY
LEVER DIAL GAUGE	CNDE 42 / PCCPL/M/LDG-01	PC-05-25/ATL/1916-02	20/05/2026

REFERENCE STANDARD : IS: 2949:1992

CALIBRATION PROCEDURE : WI-M-TRS-31(L)

CALIBRATION RESULTS : (ALL VALUES in mm)

PARAMETER	OBSERVED VALUE	UNCERTAINTY (±)
SQUARENESS OF EXTERNAL FACE OF BLADE	0.004 mm	4.4 µm
SQUARENESS OF INTERNAL FACE OF BLADE	0.003 mm	4.4 µm
FLATNESS OF SLACK	0.005 mm	4.4 µm

THE REPORTED EXPANDED MEASUREMENT UNCERTAINTY IS STATED AS THE COMBINED STANDARD MEASUREMENT UNCERTAINTY MULTIPLIED BY THE COVERAGE FACTOR K=2 SUCH THAT THE COVERAGE PROBABILITY CORRESPONDS TO APPROXIMATELY 95%.

*** END OF CERTIFICATE ***

B. VEERA SWAMY
CALIBRATION ENGINEER

B. VEERA SWAMY
PREPARED BY



RAMESH L.
QUALITY MANAGER

Calibrated by

Authorised Signatory



NABL SCOPE

NABL ACCREDITED LAB AS PER ISO / IEC 17025 : 2017

CERTIFICATE OF CALIBRATION

ULR -CC379926000022855F
ISSUE DATE : 22/04/2026

CERTIFICATE NO. : PC-04-26/ATL/1503 - 02

Customer Name : M/s. RAMESH KRISHNA ENGINEERS PVT.LTD.,
Address : P.No.: 153/B, C, E, F, IDA, Phase 2, Charlaparthy, Ghatkesar,
Medcha-Malkajgiri - 500051, Telangana.
Customer Reference : Letter Dated : 15/04/2026
Calibration At : Lab

Calibration Date : 17/04/2026
Next Due Date : 16/04/2027
Page No.: 1/2

Device Under Calibration of Item (DUC) : Torque Wrench

Date of Receipt : 15/04/2026
Physical Condition : SATISFACTORY
Temperature : 23.1 °c
Humidity : 54% RH

1.Details of DUC

Name of the Item	Make	Model	Range	Resolution	ID.NO.	Sl.No.	Type
Torque Wrench	MAC MASTER	TW750	475 - 1015 Nm	20 Nm	--	30-D-8	II

2. Masters Used for Calibration

Sl.No.	Details	Sl.No / ID.No	Certificate No.	Validity	Traceability
2	Torque Sensor With Indicator	PCCPL/ATS/04 / TS20-0224 & DU20-0038	SCPL/CC/3646/02/2025-2026	24/02/2028	CC-2874

Reference Standard : Based on ISO 6789-1:2017 and ISO 6789-2:2017

Calibration Procedure : WI-M-TGD-49(L)

DISCIPLINE : MECHANICAL - TORQUE GENERATING DEVICE

Calibration Results :

ACCURACY:± Below 10 Nm 6 % Above 10 Nm 4%.

3. Repeatability :

Type & Class : II & A

Mode of Calibration : Clock Wise

Sl.No.	Applied Torque	Measured Value	Measurement error	Relative Measurement error	Variation due to the Repeatability
	IN Nm	in N.m	in Nm	a,in %	rep %
1	475	477.9	-2.9	-0.6	0.5450
2		478.5	-3.5	-0.7	
3		479.4	-4.4	-0.9	
4		478.8	-3.8	-0.8	
5		478.5	-3.5	-0.7	
	Mean Value	478.6	-3.6	-0.8	
1	610	615.5	-5.5	-0.9	0.4382
2		615.8	-5.8	-0.9	
3		616.3	-6.3	-1.0	
4		615.1	-5.1	-0.8	
5		615.7	-5.7	-0.9	
	Mean Value	615.7	-5.7	-0.9	
1	1015	1027	-12	-1	1.0000
2		1029	-14	-1	
3		1028	-13	-1	
4		1027	-12	-1	
5		1029	-14	-1	
	Mean Value	1028	-13	-1	

B.VEERA SWAMY
CALIBRATION ENGINEER

B.VEERA SWAMY
PREPARED BY



RAMESH L.
QUALITY MANAGER

TO VIEW



Calibrated by

Authorised Signatory

NABL SCOPE



SINCE 2002

Perfect Calibration Centre Pvt. Ltd.

No.41, 'Perfect Corner' 2nd Street, Singaravelan Nagar, Maduravoyal, Chennai - 600 095. ☎ : 044-28192530, 28192930, 28193130

✉ : info@perfectcallab.in / perfectcallab.info@gmail.com

🌐 : info@perfectcallab.in



CC - 3799

NABL ACCREDITED LAB AS PER ISO / IEC 17025 : 2017

ULR -CC379926000022855F

ISSUE DATE : 22/04/2026

CERTIFICATE OF CALIBRATION

CERTIFICATE NO. : PC-04-26/ATL/1503 - 02

Page No.: 2 of 2

4.Reproducibility :		Type & Class : II & A				Mode of Calibration : Clock Wise				Unit : Nm			
Sl.No.	Applied Torque	Reproducibility in Nm				Applied Torque	5.Interface between the tool and the calibration system bint						
	in Nm	Sequence I	Sequence II	Sequence III	Sequence IV	in Nm	Position 1 (0°) Nm	Position 2 (90°) Nm	Position 3 (180°) Nm	Position 4 (270°) Nm			
		Minimum	Minimum	Minimum	Minimum		477.1	477.3	477.2	477.1			
1	475	476.3	476.4	476.5	476.6	475	476.3	476.5	476.4	476.3			
2		477.1	477.2	477.3	477.4		476.2	476.4	476.3	476.2			
3		476.5	476.6	476.7	476.8		476.8	477.0	476.9	476.8			
4		477.2	477.3	477.4	477.5		476.9	477.1	477.0	476.9			
5		477.4	477.5	477.6	477.7		477.2	477.4	477.3	477.2			
Mean Value in Nm		476.9	477.0	477.1	477.2		477.5	477.7	477.6	477.5			
6.Geometric effects of the output drive of the torque tool, bod							476.3	476.5	476.4	476.3			
							477.1	477.3	477.2	477.1			
							476.5	476.7	476.6	476.5			
							Mean Value in Nm	476.8	477.0	476.9	476.8		

6.Geometric effects of the output drive of the torque tool, bod

Sl.No.	Applied Torque	Position 1 1 Nm	Position 2 2 Nm	Position 3 3 Nm	Position 4 4 Nm	Sl.No.	Applied Torque	7.Variation of the force loading point, bl	
	in Nm	(0°)	(90°)	(180°)	(270°)		in Nm	Position 1 (-10mm) Nm	Position 2 (+10mm) Nm
		Minimum	Minimum	Minimum	Minimum				
1	475	477.3	477.1	477.3	477.2	1	475	477.2	477.0
2		476.5	476.3	476.5	476.4	2		476.4	476.2
3		476.4	476.2	476.4	476.3	3		476.3	476.1
4		477.0	476.8	477.0	476.9	4		476.9	476.7
5		477.1	476.9	477.1	477.0	5		477.0	476.8
6		477.4	477.2	477.4	477.3	6		477.3	477.1
7		477.7	477.5	477.7	477.6	7		477.6	477.4
8		476.5	476.3	476.5	476.4	8		476.4	476.2
9		477.3	477.1	477.3	477.2	9		477.2	477.0
10		476.7	476.5	476.7	476.6	10		476.6	476.4
Mean Value in Nm		477.0	477.0	476.8	477.0	Mean Value in Nm		476.9	476.7

8.Measurement uncertainties

Calibration Value Xa	Mean Value of the error	Relative expanded Measurement uncertainty W	Relative measurement uncertainty interval W'
	in %	in %	in %
475	-0.8	0.9	1.6
610	-0.9	0.9	1.8
1015	-1.3	0.9	2.2

Conclusion Remarks :

- 1.This Certificate refers to the values obtained at the time of calibration and under the above stated conditions.
- 2.The calibration results reported corresponds to the particular item mentioned above.
3. All calibration done in SI units are traceable to National / international standards as required in ISO/IEC/17025.
4. Certificate shall not be reproduced except in full without the written approval of Laboratory.
- 5.The Reported Expanded Measurement Uncertainty is stated as the Combined Standard Measurement Uncertainty Multiplied by the coverage factor k=2 such that the coverage probability corresponds to approximately 95%.

*** END OF CERTIFICATE ***

B.VEERA SWAMY
CALIBRATION ENGINEER

B.VEERA SWAMY
PREPARED BY



RAMESH L.
QUALITY MANAGER



Calibrated by

Authorised Signatory

NABL ACCREDITED LAB AS PER ISO / IEC 17025 : 2017

CERTIFICATE OF CALIBRATION

ULR -CC244726000000905F

ISSUE DATE : 22/04/2026

Certificate No.: PC-04-26/ATL/0701-01

Name and Address : M/s. RAMESH KRISHNA ENGINEERS PVT.LTD.,
of Customer P.No.: 153/B, C, E, F, IDA, Phase 2, Charlaparaly, Ghatkesar,
Medcha-Malkajgiri - 500051, Telangana.

Date of Calibration : 17/04/2026

Next due date : 16/04/2027

Page No : 1 of 3

Customer Reference : Letter Dated : 15/04/2026

Calibrated At : Permanent Facility at Lab

Device Under Calibration of Item (DUC) : MEASURING TAPE

Date of Receipt : 15/04/2026

Environmental Condition :

Condition of Receipt : Satisfactory

Temperature : 21.0°C

Humidity : 51 %RH

Description of DUC

Make : SYMRON-L (TAJMA)

Range : 0 - 50 m

Model No. : ---

Resolution : 1 cm

ID.No. / Serial No. : ---

Class : III

Details of Traceability - Master Equipments /Standard Used for Calibration :

Description	Sl.No	Cert.No	Validity
Tape and scale calibrator	PCCPL/M/TSC - 01 & 310750	PC-06-25/ATS/0749-02	02/06/2026
All Master Equipments are Traceable to National / International standards Through SI Units			

Method Used for Calibration : Comparison Method As per WI-M-MT-27

Reference Standard : IS 1269 (Part 2) : 1997

Discipline: Mechanical- Dimension

Calibration Results :

Sl.No	DUC Nominal Value (mm)	Measured Value in	
		mm	cm
1	Distance between outer edge of the Ring to the graduation line in push condition	91.895	9.190
2	Distance between inner edge of the Ring first graduation line in pull condition	88.057	8.806
3	Distance between any two adjacent centimeter lines	9.984	0.998
4	Distance between any two adjacent decimeter lines	99.979	9.998
5	Distance between any two adjacent meter lines	999.966	99.997

K.Subashini

Calibration Engineer & Prepared by



ARAVINTHAN D
Technical Manager

Authorised Signatory

TO VIEW



NABL SCOPE

Calibrated by

NABL ACCREDITED LAB AS PER ISO / IEC 17025 : 2017

CERTIFICATE OF CALIBRATION

ULR -CC244726000000905F

Certificate No.: PC-04-26/ATL/0701-01

Page No. 2/3

Device Under Calibration of Item (DUC) : MEASURING TAPE

Range : 0 - 50 m		Serial No : ---		Cumulative Error in	
Sl.No	DUC Nominal Value (mm)	Measured Value in (mm)	mm cm		
1	0-1000	999.978	999.978	99.998	
2	1000-2000	999.981	1999.959	199.996	
3	2000-3000	999.976	2999.935	299.994	
4	3000-4000	999.967	3999.902	399.990	
5	4000-5000	999.984	4999.886	499.989	
6	5000-6000	999.973	5999.859	599.986	
7	6000-7000	999.969	6999.828	699.983	
8	7000-8000	999.982	7999.810	799.981	
9	8000-9000	999.994	8999.804	899.980	
10	9000-10000	999.986	9999.790	999.979	
11	10000-11000	999.988	10999.778	1099.978	
12	11000-12000	999.977	11999.755	1199.976	
13	12000-13000	999.973	12999.728	1299.973	
14	13000-14000	999.992	13999.720	1399.972	
15	14000-15000	999.986	14999.706	1499.971	
16	15000-16000	999.988	15999.694	1599.969	
17	16000-17000	999.977	16999.671	1699.967	
18	17000-18000	999.973	17999.644	1799.964	
19	18000-19000	999.988	18999.632	1899.963	
20	19000-20000	999.979	19999.611	1999.961	
21	20000-21000	999.974	20999.585	2099.959	
22	21000-22000	999.968	21999.553	2199.955	
23	22000-23000	999.963	22999.516	2299.952	
24	23000-24000	999.958	23999.474	2399.947	
25	24000-25000	999.952	24999.426	2499.943	
26	25000-26000	999.949	25999.375	2599.938	
27	26000-27000	999.943	26999.318	2699.932	
28	27000-28000	999.937	27999.255	2799.926	
29	28000-29000	999.929	28999.184	2899.918	
30	29000-30000	999.915	29999.099	2999.910	


K.Subashini

Calibration Engineer & Prepared by




ARAVINTHAN D
Technical Manager

Authorised Signatory

TO VIEW



NABL SCOPE

Calibrated by

NABL ACCREDITED LAB AS PER ISO / IEC 17025 : 2017

CERTIFICATE OF CALIBRATION

ULR -CC244726000000905F

Certificate No.: PC-04-26/ATL/0701-01

Page No. 3/3

Device Under Calibration of Item (DUC) : MEASURING TAPE

Range : 0 - 50 m		Serial No : ---		
Sl.No	DUC Nominal Value (mm)	Measured Value in (mm)	Cumulative Error in	
			mm	cm
31	30000-31000	999.913	30999.012	3099.901
32	31000-32000	999.910	31998.922	3199.892
33	32000-33000	999.908	32998.830	3299.883
34	33000-34000	999.903	33998.733	3399.873
35	34000-35000	999.897	34998.630	3499.863
36	35000-36000	999.894	35998.524	3599.852
37	36000-37000	999.891	36998.415	3699.842
38	37000-38000	999.883	37998.298	3799.830
39	38000-39000	999.880	38998.178	3899.818
40	39000-40000	999.876	39998.054	3999.805
41	40000-41000	999.874	40997.928	4099.793
42	41000-42000	999.871	41997.799	4199.780
43	42000-43000	999.869	42997.668	4299.767
44	43000-44000	999.866	43997.534	4399.753
45	44000-45000	999.863	44997.397	4499.740
46	45000-46000	999.861	45997.258	4599.726
47	46000-47000	999.859	46997.117	4699.712
48	47000-48000	999.856	47996.973	4799.697
49	48000-49000	999.852	48996.825	4899.683
50	49000-50000	999.848	49996.673	4999.667

Accuracy Classes & Max. Permissible Error at Initial Verification As Per IS 1269 (Part 2) : 1997

Class I Maximum Permissible error = $\pm (0.1 + 0.1 L)$ mm
Class II Maximum Permissible error = $\pm (0.3 + 0.2 L)$ mm
Class III Maximum Permissible error = $\pm (0.6 + 0.4 L)$ mm

The Reported Uncertainty is ± 0.119 mm At Coverage Factor $k=2$
Which Corresponds to a Confidence Level at 95%

To calculate the uncertainty of every range use the formula $[119\sqrt{L}] \mu m$.
Where "L" is the value of the length expressed in meter

Conclusion / Remarks

1. The reported expanded uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the
2. This Calibration certificate used for scientific and industrial purpose only. However, if used for commercial trading, additional recognition/ approval shall be complied as required by Dept. of Legal metrology, Regulatory bodies, etc.
3. Unit conversion from mm to cm given as per customer request.

THE END OF CERTIFICATE

K. Subashini

Calibration Engineer & Prepared by



ARAVINTHAN D
Technical Manager

Authorised Signatory

TO VIEW



NABL SCOPE

Calibrated by

CERTIFICATE OF CALIBRATION

ULR- CC379926000026453F

ISSUE DATE: 21-04-2026

CERTIFICATE NO.: PC - 04 - 26 / ATL / 1539 - 01

CAL DATE: 20-04-2026

NEXT DUE DATE: 19-04-2027

PAGE NO.: 1/1

CUSTOMER : M/s. RAMESH KRISHNA ENGINEERS PVT LTD
ADDRESS : P. No.: 153/B,C,E,F, IDA, PHASE 2, CHERLAPALLY,
GHATKESAR, MEDCHAL-MALKAJIRI-500051, TELANGANA.
CUST REF : SCT23-160 DATE: 14-04-2026
CALIBRATED AT : LAB

Device Under Calibration of Item (DUC) : SURFACE ROUGHNESS SPECIMEN

ENVIRONMENTAL CONDITIONS

TEMPERATURE: 20.1°C

HUMIDITY: 52%RH

DATE OF RECEIPT : 20-04-2026
PHYSICAL CONDITION : SATISFACTORY

DETAILS

MAKE : RUBERT **SPECIMEN VALUE** : Ra 1.6 pm(Grinding)
ID NO : RKEPL/SC/09
SIZE : Ra

STANDARD USED	ID.NO.	CERT.NO.	VALIDITY	TRACEABILITY
SURFACE ROUGHNESS TESTER (STAND ALONE UNIT)	PCCPL/SRM/02	MMPL/24F/135-01	09/06/2026	CC-3700
SURFACE ROUGHNESS SPECIMEN	PCCPL/SRSP/03	MMPL/24F/135-02	09/06/2026	CC-3700

REFERENCE STANDARD : IS 3073 - 1967 (RE AFFIRMED : 2021)

CAL. PROCEDURE : WI-M-SRS-57(L)

DISCIPLINE : MECHANICAL - DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE)

CALIBRATION RESULTS

SL.NO.	PARAMETER	SPECIFIED VALUE IN μm	MEASURED VALUE IN μm		OBSERVED DEVIATION IN μm	
			MIN	MAX	MIN	MAX
1	Ra	1.60	1.576	1.588	-0.024	-0.012

UNCERTAINTY OF MEASUREMENTS = $\pm 8.7\%$

THE REPORTED EXPANDED MEASUREMENT UNCERTAINTY IS STATED AS THE COMBINED STANDARD MEASUREMENT UNCERTAINTY MULTIPLIED BY THE COVERAGE FACTOR K=2 SUCH THAT THE COVERAGE PROBABILITY CORRESPONDS TO APPROXIMATELY 95%.

*** END OF CERTIFICATE ***

B. MANIMARAN
ENGINEER
Calibrated by



RAMESH L.
QUALITY MANAGER

Authorised Signatory



NABL ACCREDITED LAB AS PER ISO / IEC 17025 : 2017

ULR CC3799260000264547

Issue Date: 21-04-2026

CERTIFICATE OF CALIBRATION

CERTIFICATE NO.: PC - 04 - 26 / ATL / 1539 - 02

CUSTOMER

: M/s. RAMESH KRISHNA ENGINEERS PVT LTD

CAL DATE: 20-04-2026

ADDRESS

: P. No.: 153/B,C,E,F, IDA, PHASE 2, CHERLAPALLY,
GHATKESAR, MEDCHAL-MALKAJGIRI-500051,
TELANGANA.

NEXT DUE DATE: 19-04-2027

PAGE NO.: 1/1

CUST REF

: SCT23-160 DATE: 14-04-2026

CALIBRATED AT

: LAB

Device Under Calibration of Item (DUC) : WELD GAUGE (BRIDGE CAM GAUGE)

DATE OF RECEIPT

: 20-04-2026

ENVIRONMENTAL CONDITION

PHYSICAL CONDITION

: SATISFACTORY

TEMPERATURE: 20.4°C

HUMIDITY: 52%RH

DETAILS

MAKE

: -- KRISTEEL

MODEL: BCWG

RANGE

: AS MENTIONED BELOW

SL.NO.: -

ID.NO.

: RKEPL/WG/08

STANDARD USED	SL.NO. / ID.NO.	CERT. NO.	VALIDITY	TRACEABILITY
PROFILE PROJECTOR	PCCPL/PP/01	M / 25 - 26 / 5211 - 01	06/01/2028	CC-2363

CALIBRATION PROCEDURE: WI-M-WG-67(L)

DISCIPLINE: MECHANICAL - DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE)

CALIBRATION RESULTS:

1.LINEAR MEASUREMENT

SL.NO.	ACTUAL SIZE in mm	MEASURED VALUE in mm	OBSERVED DEVIATION in mm	MEASUREMENT UNCERTAINTY (±) μm
1	10	10.032	0.032	6.8
2	20	20.053	0.053	6.8
3	30	30.064	0.064	6.8
4	40	40.056	0.056	6.8
5	50	50.074	0.074	6.8
6	60	60.084	0.084	6.8

2.ANGLE MEASUREMENT

SL.NO.	ACTUAL SIZE in mm	MEASURED VALUE in mm	OBSERVED DEVIATION in mm	MEASUREMENT UNCERTAINTY (±) μm
1	10	10.023	0.000	6.8
2	20	20.065	0.065	6.8
3	30	30.044	0.044	6.8
4	40	40.085	0.085	6.8
5	45	45.033	0.033	6.8
6	50	50.034	0.034	6.8
7	60	60.053	0.053	6.8

RAMESH L.

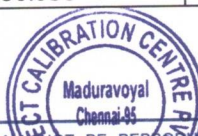
QUALITY MANAGER

TO VIEW



NABL SCOPE

B.MANIMARAN
Calibrated by
ENGINEER



Authorised Signatory