



Daimler India Commercial Vehicles Pvt. Ltd -Central Lab

SIPCOT Industrial Estate, Oragadam Village, Singaperumal Koil Road,
Mathur(PO), Sriperumbadur Taluk, Kanchipuram - 602105, Tamil Nadu, India.

Phone: +91 44 4969 4456,
Website: www.daimler-indiacv.com / www.bharatbenz.com



CR20220001 A29

CERTIFICATE OF CALIBRATION

I. Descriptions of DUC

Certificate No : DICV/CL/22/00000010 **Report Issues Date** : 28-07-2022
ULR No : CC202122000000004F
Date Of Calibration : 28-07-2022 **Next Calibration Due** : Jul-2023
Name Of The Custom : Gurushev P **Date of Receipt** : 28-07-2022
Department : PRE-QA **Description of Equipment** : Micrometer

Range	Least Count	Serial No	Make
0-25mm	0.001	15059778	Mitutoyo

Identification Number : LQMM-113

Condition of DUC : Good

**Calibration Procedure /
Reference Standard** : IS 2967:1983

II. Master & Equipment Used For Calibration & Traceability

Sl.	Master Equipment	Id No	Make	Traceability	Certificate No	Validity
1	Optical Flat	CM-11	Mitutoyo	NABL Accredited Lab No:CC-2428	JRPM-CCTR-DIM- 2021-3371	18-07-2023
2	New Gauge Blocks Mic Set	CM-49	Koba	NABL Accredited Lab No:CC-2428	JRPM-CCTR-DIM- 2021-4508	08-09-2022

The master Equipment used for calibration are calibrated and traceable to National / International Standard

Environmental Condition : $20 \pm 1.0^{\circ}\text{C}$ / $50 \pm 10\%$ RH

Uncertainty Of Measurement : $\pm 0.0011\text{mm}$

The stated Expanded uncertainty is estimated at a confidence level approximately 95% with a coverage factor $k = 2$

Calibrated By

Karthikeyan V
Engineer

Authorized Signatory

Gurushev P
Quality Manager

- The Calibration results are valid at the time of & under the stated conditions of measurement.
- The report should not be reproduced either in full or in part without out permission in writing.
- Next calibration due date given in this cetificate as per customer request irrespective of the status or condition of the IMTE.

DAIMLER TRUCK

Format No : 365.QM.D.16, Rev No : 02

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III. Mechanical Calibration Results

Certificate No DICV/CL/22/00000010

Report Issue Date : 28-07-2022

All Values are in mm

S.No	Measured	Observed	Dev from Nom
1	0.0	0.0000	0.0000
2	2.5	2.5003	-0.0003
3	5.1	5.1007	-0.0007
4	7.7	7.7007	-0.0007
5	10.3	10.3010	-0.0010
6	12.9	12.9013	-0.0013
7	15.0	15.0013	-0.0013
8	17.6	17.6007	-0.0007
9	20.0	20.0013	-0.0013
10	22.6	22.0017	0.5983
11	25.0	25.0011	-0.0011

Range	Zero Setting	Parallelism	FlatNess
	Actual	Actual	Actual
0-25mm		0.002	0.001

IV. Result Of Calibration

: Calibrated parameters found Ok

V. Remarks

: Calibration OK

Statement of conformity is given based on decision rule Exclude MU agreed by requestor.

Calibrated By

Karthikeyan V

Engineer

Authorized Signatory

Gurushev P

Quality Manager

End of Certificate

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