



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



CR20220082 A8

CERTIFICATE OF CALIBRATION

I. Descriptions of DUC

Certificate No : DICV/CL/22/37355 **Report Issues Date** : 07-11-2022
ULR No : CC202122000014463F
Date Of Calibration : 21-09-2022 **Next Calibration Due** : Sep-2023
Name Of The Customer : PTI-T-QA (Domestic) **Date of Receipt** : 05-09-2022
Department : PTI-T-QA (Domestic) **Description of Equipment** : Vernier Caliper

Range	Least Count	Serial No	Make
0-150mm	0.01mm	15803467	Mitutoyo

Identification Number : TaVC-3082
Condition of DUC : Good
Calibration Procedure / Reference Standard : IS 16491-1:2016

II. Master & Equipment Used For Calibration & Traceability

Sl.	Master Equipment	Id No	Make	Traceability	Certificate No	Validity
1	Caliper Checker	CM-07	Mikronix	NABL Accredited Lab No:CC-2428	JRPM-CCTR-DIM- 2021-4063	21-08-2023
2	Gauge Blocks 112 Pieces	CM-05	Opus	NABL Accredited Lab No:CC-2428	JRPM-CCTR-DIM- 2021-3373	17-07-2023

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 : $\pm 0.016\text{mm}$

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
Technical 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



CC-2021

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III. Mechanical Calibration Results

Certificate No DICV/CL/22/37355

Report Issue Date : 07-11-2022

All Values are in mm

Sl. No	External Measurement		Deviation	Internal Measurement		Deviation	Depth Measurement		Deviation
	Nominal	Actual		Nominal	Actual		Nominal	Actual	
1	0.0	0.0000		0.0	0.0000		0.0	0.0000	
2	10.0	9.9967		10.0	9.9900		10.0	9.9900	
3	20.0	19.9933		20.0	19.9900		20.0	19.9900	
4	50.0	49.9933		50.0	49.9900		50.0	49.9900	
5	100.0	99.9900		100.0	99.9900		100.0	99.9900	
6	150.0	149.9900		150.0	149.9900		150.0	149.9900	
Actual									
Parallelism for External Jaws				0.01					
Parallelism for Internal Jaws				0.01					

IV. Result Of Calibration

: Calibrated parameters accepted

V. Remarks

: Calibration accepted

Calibrated By

Karthikeyan V
Engineer

Authorized Signatory

Gurushev P
Technical Manager

End of Certificate

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