

**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 A1

CERTIFICATE OF CALIBRATION**I. Descriptions of DUC**

Certificate No	: DICV/CL/22/37355	Report Issues Date	: 04-11-2022
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

1. The Calibration results are valid at the time of & under the stated conditions of measurement.
2. The report should not be reproduced either in full or in part without out permission in writing.
3. 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 : 04-11-2022

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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