



BHARATBENZ

Daimler India Commercial Vehicles Pvt. Ltd -Central LabSIPCOT 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



CR20225004 A8

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

Certificate No : DICV/CL/22/00000003 **Report Issues Date** : 07-06-2022

Date Of Calibration : 06-06-2022 **Next Calibration Due** : 06-06-2022

Name Of The Custom : Ramesh Balakrishnan

Department : Mechanical

Date of Receipt : 06-06-2022

Description of Equipment : New Instrument Verniar

Range	Least Count	Serial No	Make
200mm	300mm	20001	India

Identification Number :

Condition of DUC : Testing Caliper

**Calibration Procedure /
Reference Standard** :

II. Master & Equipment Used For Calibration & Traceability

Sl.	Master Equipment	Id No	Make	Traceability	Certificate No	Validity
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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 :

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

Calibrated By

Ramesh Balakrishnan

Technical Manager

Authorized Signatory

Prabhu KP

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

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

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III. Mechanical Calibration Results

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All Values are in mm

Sl. No	External Measurement		Deviation	Internal Measurement		Deviation	Depth Measurement		Deviation
	Nominal	Actual		Nominal	Actual		Nominal	Actual	
1	10	30.0000	-20.0000	30	23.3333	6.6667	30	20.0000	10.0000
2	20	40.0000	-20.0000	20	19.3333	0.6667	20	20.0000	0.0000
3		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000
4		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000
5		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000
6	60	20.0000	40.0000	12	31.0000	-19.0000	20	13.3333	6.6667
7	70	30.0000	40.0000	17	46.0000	-29.0000	25	45.0000	-20.0000
8		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000
9		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000
10		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000

Actual

Parallelism for External Jaws

Testing Details

Parallelism for Internal Jaws

Testing Details

IV. Result Of Calibration

: Testing Result

V. Remarks

: Testing Remarks

Calibrated By

Ramesh Balakrishnan

Technical Manager

Authorized Signatory

Prabhu KP

Technical Manager

End of Certificate

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