

**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



CR20224006 A5

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

Certificate No : DICV/CL/22/00000000 **Report Issues Date** : 07-06-2022

Date Of Calibration : 22-05-2022 **Next Calibration Due** : Dec-2023

Name Of The Custom : Chandrasekar Kannan

Department : Mechanical

Date of Receipt : 22-05-2022

Description of Equipment : Vernier Calibar Daimler

Range	Least Count	Serial No	Make
10mm	20mm	600001	India

Identification Number :

Condition of DUC : Testing Vernier Caliper Update master
update

**Calibration Procedure /
Reference Standard :** : Testing std

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 mm2

Sl. No	External Measurement		Deviation	Internal Measurement		Deviation	Depth Measurement		Deviation
	Nominal	Actual		Nominal	Actual		Nominal	Actual	
1	10	26.6667	-16.6667	20	25.6667	-5.6667	10	34.3333	-24.3333
2	20	26.6667	-6.6667	10	47.6667	-37.6667	19	25.6667	-6.6667
3	20	33.3333	-13.3333	99	55.0000	44.0000	45	43.3333	1.6667
4	20	69.3333	-49.3333	33	29.3333	3.6667	90	48.0000	42.0000
5	88	48.0000	40.0000	55	29.3333	25.6667	29	19.0000	10.0000
6	10	63.6667	-53.6667	11	73.3333	-62.3333	10	30.0000	-20.0000
7	00	73.3333	-73.3333	22	69.6667	-47.6667	30	50.0000	-20.0000
8	45	9.0000	36.0000	29	15.0000	14.0000	50	30.0000	20.0000
9	90	44.3333	45.6667	10	10.0000	0.0000	50	10.0000	40.0000
10	33	40.6667	-7.6667	00	22.0000	-22.0000	40	10.0000	30.0000
Actual									
Parallelism for External Jaws				Testing External Jaw update					
Parallelism for Internal Jaws				Testing Internal Jaw update					

IV. Result Of Calibration

: Testing Result for the Verniar Caliper

V. Remarks

: Testing Remarks

Calibrated By

Ramesh Balakrishnan

Technical Manager

Authorized Signatory

Prabhu KP

Technical Manager

End of Certificate

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