



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



CR20222005 A1

CERTIFICATE OF CALIBRATION

I. Descriptions of DUC

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

ULR No : CC202122000000001F

Date Of Calibration : 20-05-2022 **Next Calibration Due** : 20-05-2022

Name Of The Custom : Praveen Kumar

Department : Mechanical

Date of Receipt : 20-05-2022

Description of Equipment : Twobs Daimler Ins

Range	Least Count	Serial No	Make
10mm	15ml	20001	Japan

Identification Number :

Condition of DUC : Testing Twobs and its good condition

Calibration Procedure / Reference Standard : Testing Calibration

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 : Testing Certainty

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

Calibrated By

Ramesh Balakrishnan
Technical Manager

Authorized Signatory

Prabhu KP
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

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III. Mechanical Calibration Results

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All Values are in mm

SPECS				
All Values are in Microns				
Min Range	Max Range	I	II	III
0	10mm	20%	60%	100%
Total Range	10mm	45	60	70
Acceptable Band		35	45	60

S.No	Observed value I	Observed value II	Observed value III
Measured	45	60	70
1	10	30	40
2	50	60	70
3	20	30	40
4	50	60	70
5			
Average	26.000	36.000	44.000
Dev from Nom in N-m	19.000	24.000	26.000
Dev from Nom in %	236.842	250.000	269.231

IV. Result Of Calibration

: Testing Results

V. Remarks

: Testing Remarks

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

Calibrated By

Ramesh Balakrishnan

Technical Manager

Authorized Signatory

Prabhu KP

Technical Manager

End of Certificate

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