



CC-3385

ZEAL MANUFACTURING AND CALIBRATION SERVICES PRIVATE LIMITED

S.No: 78/1, Pandhari Industrial Estate, Shivane, Pune - 411023, Maharashtra, INDIA

Calibration Laboratory:

Mob. No.: +91 9325714841, +91 9075014802, Email: calibration@zealmfg.com

Marketing : Mob. No.: +91 9371025315, +91 7030326565

Email : marketing@zealmfg.com, support@zealmfg.com, Web: www.zealmfg.com**ZEAL****TRUE COPY****CALIBRATION - CERTIFICATE**

Date of Calibration	Next agreed Date of Calibration	Date of Issue	Certificate No.	ULR No.
30/12/2024	29/12/2025	31/12/2024	12/217 (2024-2025)	CC338524000003110F
1 Name of Customer		M/s: NCQC Laboratory LLP 4, Abhishree Corporate Park, Nr. Swagat Bungalow BRTS, Iskcon - Ambli Road, Ambli, Ahmedabad - Gujarat, India, 380058		
2 Calibration Carried out at		: Calibration Laboratory		
3 Date of Receipt of Item		: 28/12/2024		
4 Condition of the Item		: Item Received in working condition.		
5 Calibration to be done		: Without Adjustment		
6 Description & Identification of U.U.C:				
Nomenclature	Make	Model	Sr. No.	Id. No.
High Resistance Jig	ZEAL	ZMHRJ-5M-1000G	201507150	NCQC/E-15
7 Environmental Conditions		: Temperature: 23.5 °C To 23.6°C Humidity: 52 %RH		
8 Calibration Procedure No.		: CPM-18		
9 Parameter to be calibrated		: High Resistance.		
10. Details of Standard Traceability Used For Calibration				
NAME	MAKE/MODEL	SR.NO. / ID.NO.	CALIBRATION CERT. NO. & VALID UPTO	CALIBRATED BY
Mega Ohm Meter	ZEAL / ZMMOM	201701999 / ZS/MOM/01	CPIPL/24-25/011-001 01/02/2025	CLEAR POINT, Mumbai

11. Remarks:

- 1) This certificate refers only to particular items submitted & results are observed at the time of calibration.
- 2) This certificate shall not be reproduced, except in full, without written approval of the Laboratory.
- 3) All measurements are traceable to National / International standards.
- 4) The reported expanded uncertainty of measurement is calculated at approximately 95.45% of confidence level with coverage factor $k = 2$.

12. A glossary of terms used in this Certificate includes:

1. U. U. C. : Unit Under Calibration
2. STD. : Standard
3. RDG. : Reading
4. DGT. : Digit
5. INST. : Instrument
6. ULR No. : Unique Lab Report Number

NCQC System Certificate No. 270

NCQC LABORATORY LLP
Valid up to 29/12/2025
Reviewed: *[Signature]*

Calibrated By

*[Signature]*Calibration Engineer
(Mr. Bhauraj S. Gulik)

Format/Rev. No. : F/CL/04-07



Reviewed & Authorized By

*[Signature]*Technical Manager
(Mr. Vikas B. Rathod)



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Certificate No. 12/217 (2024-2025)

13. OBSERVATIONS:

PARAMETER: HIGH RESISTANCE @ 1000 V D.C Discipline: Electro-Technical Group :-DIRECT CURRENT					
TEST VOLTAGE	READING ON U.U.C	READING ON STD. INST.	DEVIATION	ERROR IN %	EXPANDED UNCERTAINTY (%)
5M Ω -1000G Ω	5 M Ω	4.99 M Ω	0.01 M Ω	0.20	± 3.7
	10 M Ω	9.97 M Ω	0.03 M Ω	0.30	± 3.7
	100 M Ω	99.19 M Ω	0.81 M Ω	0.82	± 3.7
	200 M Ω	203 M Ω	-3 M Ω	-1.5	± 3.7
	500 M Ω	498 M Ω	2 M Ω	0.40	± 3.7
	1 G Ω	0.997 G Ω	0.003 G Ω	0.30	± 3.7
	10 G Ω	9.990 G Ω	0.010 G Ω	0.10	± 3.7
	100 G Ω	101.84 G Ω	-1.84 G Ω	-1.8	± 7.9
	500 G Ω	505.0 G Ω	-5.0 G Ω	-0.99	± 7.9
	1000 G Ω	1010.2 G Ω	-10.2 G Ω	-1.0	± 7.9

Calibrated By

Calibration Engineer
(Mr. Bhauraj S. Gulik)

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