

Calibration Certificate

Format No.: MACL/QF/7.8-04

ULR No. CC319422000008392F

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Certificate No.	MACL/11/22/013A-001	Calibration Certificate of Winding Resistance Meter
Issue Date	08-11-2022	
Service Request No.	MACL/11/22/013A	
Service Request Date	06-11-2022	
Receipt Date	06-11-2022	
Calibration Date	06-11-2022	
Calibration Due Date (As per Customer request)	05-11-2023	

Name & Address of Customer	Identification on UUC (Unit Under Calibration)	
M/s. OASIS TECHNO ENGINEERS PVT. LTD. B-42, Second Floor, Sector-65 NOIDA- 201301	Range/ Size	As per Instrument
	Make / Model	Scope/ TRM103
	Instrument I.D. No.	-----
	Instrument Sr. No.	2303.08V.199
	Least Count	As Per Result
	Location/Dept.	-----
	Visual Inspection	OK

Calibration Procedure	MACL-ET-CP-05	Condition of Instrument	Good
Reference Standard	IS: 13875	Calibration performed at	Lab
Environmental Condition	Temperature	25± 4 °C	Relative Humidity
			35 to 75 % RH

Standard Equipement Used for Calibration					
Instrument Name	Make	I.D No./Sr.No.	Calibrated By	Certificate No.	Due Date
1. Standard Resistance box	Sigma	MACL/ET/RB-02	Accumen	AMC/00003200	12.12.2022
2. Decade Resistance box	Sigma	MACL/ET/RB-04	Accumen	AMC/00003201	12.12.2022

Calibration Results

Parameter	Standard Value (Refrence)		Obsrved Value on (UUC.)		Uncertainty of Measurement ± %
	in		in		
DC Resistance Channel I	0.001	Ω	1.00	mΩ	0.78
	0.010	Ω	9.99	mΩ	0.78
	0.100	Ω	99.7	mΩ	0.78
	1.000	Ω	1.02	Ω	1.40
	10.000	Ω	9.97	Ω	1.20
DC Resistance Channel II	0.001	Ω	0.99	mΩ	0.78
	0.010	Ω	9.99	mΩ	0.78
	0.100	Ω	99.8	mΩ	0.78
	1.000	Ω	1.01	Ω	1.40
	10.000	Ω	9.96	Ω	1.20

Note :- The reported uncertainty stated is the expanded uncertainty of measurement obtained by multiplying the standard uncertainty by the coverage factor k=2 correspond to confidence level of 95 %

Note :-

1. This Certificate refers only to the particular items submitted for calibration.
2. This Certificate shall not be reproduced, except in full, without the written permission of C.E.O
Micro Advance Calibration Lab, Ghaziabad
3. Result Reported are Valid at the of and under the stated conditions of measurement.
4. Laboratory Standards are traceable to National Standards.
5. Calibration Certificate issue for weight & Measure parameters i.e. Mass, Balance, Volumetric equipment, Measuring Scale/Tapes etc. for scientific purpose only and should not be used for Trade / Commerical use.

Calibrated By

Uma Shanker Sharma
Calibration Engineer



Approved By

Mukesh Kumar Shakya
Authorized Signatory