RECON
CALIBRATION & TEST LABS LLP

CALIBRATION CERTIFICATE

CC-3885

ULR Number: CC388525000000281F	Certificate Number: RCTL/250320/73/3	Date of Issue: 22/03/2025

Customer Name & Address		
Kala Defence & Aerospace System Pvt Ltd **PAP D-24,Phase 11,MIDC, Mindewadi Talegaon,Dist Pune-41057**	**Receipt No**	RCTL/250320/73
	Date of Receipt	20/03/2025
	Date of Calibration	20/03/2025
	Due for Next Calibration (As requested by the customer)	19/03/2025
	Challan No	Onsite
	Challan Date	20/03/2025

Details of Test Instrument

Description	: Digital Multifunction Meter	**Range**	: 50 to 520 V , 0.05 to 5 A , 0 to 50 Hz
Sr.No.	: 22078174062	**Least Count**	: 0.1 V , 0.01 A , 0.01 Hz
Id. No.	: --	**Make**	: L & T
Calibration At	: Onsite	**Location**	: --
Cond. of item On Receipt	: Satisfactory	**Model Number**	: WL4410

Work Instruction No: WI-ET-11 **Reference Standard:** IS 13875 PART-1&2

Environmental Conditions: **Temperature:** 25.3 °C **Humidity:** 51.2 %RH

Details of Standard Used

Name	Id. No.	Valid Upto	Traceability
6.5 Digit Precision Multimeter	RCS/046/ET	AIPL/240125/2-1	27/01/2026

Discipline : Electro-Technical

Calibration Results-II

UUC Reading	Standard Reading	Error	Expanded Uncertainty (±)
Group - Alternating Current (<1 GHz)			
V	V	%	%
50.0	50.0012	-0.0024	0.30
200.0	200.054	-0.027	0.30
520.0	520.073	-0.014	0.30
Group - Alternating Current (<1 GHz)			
A	A	%	%
1.00	1.00249	-0.24838	0.69
3.00	3.00288	-0.09591	0.45
5.00	5.00296	-0.05916	0.33
Group-Time and frequency			
Hz	Hz	Hz	Hz
50.00	49.9900	0.0100	0.06

Calibrated By
A.I.Shaikh
Calibration Engineer

RECON CALIBRATION & TEST LABS LLP PUNE

Checked And Approved By
P.G.Tambe
Technical Manager

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Notes:

1. Equipment used for calibration were calibrated & traceable to National & International Standards.
2. This report refers only to particular item (s) submitted for calibration.
3. Recon Calibration And Test Labs LLP is not liable for any change in calibration data & performance due to damage caused to it after issuance of this report specifications on account of malfunctioning of Standards / Instruments / Equipment covered by this report.
4. The calibration results reported are valid at the time of and under the stated conditions of the Measurements.
5. This report shall not be reproduced in full / part without prior permission of Recon Calibration And Test Labs LLP.
6. All precautions have been taken for any error or omission while calibrating the instruments and issuing this certificate. However Recon Calibration And Test Labs LLP shall not be liable for any loss or liability that may be arise to any party in this regards.
7. Results reported are without any adjustment or repair.
8. Calibration points are selected as per customer requirements.

Remarks:

1. The uncertainty stated is the expanded uncertainty of measurement obtained by multiplying the standard uncertainty by the coverage factor k = 2 corresponds to confidence level of 95.45 %.
2. Reported results are average of three readings.

Calibrated By		Checked And Approved By
A.I.Shaikh	RECON CALIBRATION & TEST LABS LLP PUNE	P.G.Tambe
Calibration Engineer		Technical Manager

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