



Precise Calibrations (P) Ltd.

(N.A.B.L. Accredited Laboratory)

एन.ए.बी.एल. द्वारा प्रमाणित प्रयोगशाला
Electro-Technical Calibration Services
विद्युत तकनीकी अंशांकन सेवाएं

Basement, Plot No. 85, Sector - 5, Rajendra Nagar, Sahibabad, Ghaziabad (U.P.) - 201005

Ph : +91 0120-4106400, +91 8744050381

Email : precisecalibrations@gmail.com, calibrations@evertechgroup.com



NABL ACCREDITED LABORATORY
No. CC - 3012

CALIBRATION CERTIFICATE

ULR No. :	CC301222000000251F	Calibration Date :	30-12-2022
Certificate No.:	PCPL/22-23/12/0007-01	Calibration Recommended Date:	29-12-2023
Location:	Lab	Certificate Issue Date:	31-12-2022
Service Request No.:	PCPL/SRF/22-23/12/0007	Service Request Date:	30-12-2022
Condition on Receipt:	OK	Date of Receipt:	30-12-2022

CUSTOMER DETAILS

Name & Address:	M/s. Oasis Techno Engineers Pvt. Ltd. B42, 2nd floor , Sector -65 Noida, UP-201301
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DESCRIPTION OF INSTRUMENT FOR CALIBRATION

Name of Instrument :	Relay Test Set
Make:	SAKOVA
Model/ Type:	RTS-02S
Serial No./ Instrument ID:	1007
Environmental Conditions	
Temperature : 25±4 °C	Humidity: 30% to 75%

DETAILS OF MASTER INSTRUMENTS

Name of Reference Standard:	6.5 Digit Precision Multimeter
Make & Model:	Fluke & 8846A
Serial No.:	2510012
Traceable To:	Anshaankan (India) Pvt. Ltd., Noida
Work Instruction No.:	PCPL/WI-01/008
Reference Standard:	IS 13875

Note: All the instruments used are traceable to national standard through reference standards and their calibrations are valid.



Calibrated By:		Issued By:	
	Calibration Engineer		Authorized Signatory



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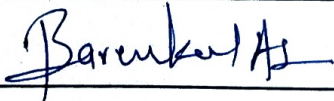

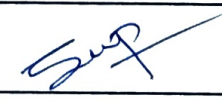
ELECTRO-TECHNICAL CALIBRATION RESULTS

1. AC Voltage Measurement @ 50 Hz

Output Terminals	UUC (V)	STD (V)	(±) Reported Uncertainty (%)
Main A.C. Supply	10.00	13.1063	0.16
	50.00	51.4072	0.16
	64.00	65.8122	0.16
	100.0	101.310	0.16
	110.0	112.277	0.16
	200.0	201.603	0.16
	240.0	240.181	0.16
Aux. A.C. Supply	10.00	13.1364	0.16
	50.00	52.0446	0.16
	64.00	65.6244	0.16
	100.0	101.978	0.16
	110.0	110.190	0.16
	200.0	199.814	0.16
	230.0	230.151	0.16

2. DC Voltage Measurement (Range :- 0 - 240V)

Output Terminals	UUC (V)	STD (V)	(±) Reported Uncertainty (%)
Aux. D.C. Supply	10.00	12.7446	0.16
	50.00	52.1509	0.16
	64.00	66.9196	0.16
	100.0	103.664	0.16
	110.0	114.011	0.16
	200.0	205.801	0.16
	235.0	236.907	0.16

Calibrated By:			
	Calibration Engineer		



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3. AC Current Measurement @ 50 Hz (Range :- 0 - 10A)

Output Terminals	UUC (A)	STD (A)	(±) Reported Uncertainty (%)
COM - 1A	0.10	0.10746	0.16
	0.20	0.20167	0.16
	0.50	0.49986	0.16
	1.00	1.00096	0.16
	2.00	1.99785	0.16
COM - 5A	0.50	0.51431	0.16
	1.00	1.02885	0.16
	2.50	2.49705	0.16
	5.00	4.97146	0.16
	7.50	7.44532	0.16
COM - 25A	1.00	1.01603	0.16
	2.00	2.05608	0.16
	5.00	4.99964	0.16
	10.0	10.0312	0.16
COM - 50A	5.00	5.01561	0.16
	10.0	9.98871	0.16
COM - 100A	5.00	5.01561	0.16
	10.0	10.0921	0.16

Remarks:

- 1) * UUC: Unit under Calibration.
- 2) This Certificate refers only to the particular item submitted for the calibration.
- 3) The confidence level is 95% (approximately.) at k=2.
- 4) The results reported in this Certificate are Valid at the time and under the stipulated conditions of measurement in laboratory only.
- 5) This certificate shall not be reproduced, except in full, unless written permission for the publication of an approved abstract has been obtained from the Director of M/s Precise Calibrations Pvt. Ltd.
- 6) PCPL is responsible for all the information in the calibration certificate, except that provided by the customer, information supplied by the customer can affect the validity.

*** End of Certificate ***



Calibrated By:		Issued By:	
	Calibration Engineer		Authorized Signatory