



PRECISION INSTRUMENTATION AND SERVICES PVT. LTD.

◆ Instrument Calibration ◆ AHU Validation ◆ Thermal Validation ◆ PLC Validation

21, Shreeram Bhavan, F-9, Shreeramkunj, Takli Road, Dwarka, Nashik - 422 011. Tel.: 0253 - 6145100

M. : 09860102524 • Web site : www.pisnashik.com • E-mail : customercare@pisnashik.com

CALIBRATION CERTIFICATE

1.CUSTOMER	Page No.	:- 1 of 2
Bush Electromech and Engineering Pvt. Ltd.	Date of Receipt	:- 6-Oct-22
K-89, MIDC, Waluj, Aurangabad 431 136.	Service Request No.	:- A2022/22
	Certificate No.	:- A2022/10/073
	Date of Calibration	:- 6-Oct-22
	Next Calibration Due On	:- 6-Oct-22
	Calibration method No.	:- PISPL/ET/WI/02,03,04
	Location of calibration	:- On Site
	Condition of Item	:- OK

2.Environmental Conditions		
Ambient Temp.	:-	23.8 °C
Relative Humidity	:-	56 % RH

3.Description of Item		
Name	:-	Digital Clamp Meter
ID.No./Sr.no	:-	DCM-01
Make/Model No.	:-	Meco/DT 2250 AUTO
Range	:-	Multirange

4.Detail of equipment used for calibration		
Name	:-	Multifunction Calibration System with Current Coil
Make/I.D No.	:-	Fluke/PIS/UNICAL/03 Fluke/PIS/UNICAL/03
Certificate No.	:-	M-220829-20-2 NEC/22-23/SP/065-1
Certified By	:-	GODREJ NEC
Calibration Validity	:-	29-Aug-23 22-Sep-24

5.Calibration Results ELECTRO TECHNICAL ELECTRICAL EQUIPMENT - (Source)					
Parameter	Range	Standard Reading	UUC Reading	Error	Error in %
DC Voltage	4 V	0.50000	0.497	-0.00300	-0.600
		2.00000	1.997	-0.00300	-0.150
		4.00000	3.985	-0.01500	-0.375
	40 V	5.0000	4.97	-0.0300	-0.600
		20.0000	19.92	-0.0800	-0.400
		40.0000	39.66	-0.3400	-0.850
	400 V	50.000	50.4	0.400	0.800
		200.000	200.2	0.200	0.100
		400.00	400.1	0.10	0.025
	1000V	400.00	400	0.00	0.000
		700.00	702	2.00	0.286
		999.00	1000	1.00	0.100
AC Voltage @50Hz	4 V	0.50000	0.497	-0.00300	-0.600
		2.00000	1.994	-0.00600	-0.300
		4.00000	3.985	-0.01500	-0.375
	40 V	5.0000	4.99	-0.0100	-0.200
		20.0000	19.98	-0.0200	-0.100
		40.0000	39.67	-0.3300	-0.825
	400 V	50.000	50.2	0.200	0.400
		200.000	200.5	0.500	0.250
		400.00	400.4	0.40	0.100
	750 V	500.00	501	1.00	0.200
		600.00	601	1.00	0.167
		750.00	747	-3.00	-0.400

Calibrated By
Rahul
Calibration Engineer
Mr.Rahul Pawar



Approved By
VV
Technical Manager
Mrs.Vinita Ghogare



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Certificate No. :- A2022/10/073
Date of Calibration :- 6-Oct-22

Parameter	Range	Standard Reading	UUC Reading	Error	Error in %
AC Current @50Hz	40 A	4.0000	4.11	0.1100	2.750
		20.0000	20.14	0.1400	0.700
		40.0000	40.18	0.1800	0.450
	400A	50.0000	50.1	0.1000	0.200
		200.000	200.2	0.200	0.100
		400.00	401.2	1.20	0.300
Resistance	400 Ω	40.0000	40.10	0.1000	0.500
		200.000	200.1	0.100	0.500
		400.00	399.9	-0.10	-0.500
	4KΩ	0.50000	0.497	-0.00300	-0.015
		4.00000	3.998	-0.00200	-0.010
	400KΩ	40.0000	39.95	-0.0500	-0.250
		400.00	400.1	0.10	0.500
	4MΩ	0.50000	0.500	0.00000	0.000
		4.00000	4.007	0.00700	0.035
	40MΩ	10.0000	10.02	0.0200	0.100
		40.0000	40.01	0.0100	0.050

Note:

- 1) UUC stands for Unit Under Calibration.
- 2) This certificate refers only to the particular item submitted for calibration
- 3) This certificate shall not be reproduced, except in full unless written permission for the publication of an approved abstract has been obtained from the Technical Manager of "Precision Instrumentation And Services Pvt.Ltd, Nashik".
- 4) The calibration results reported in the certificate are valid at the time of and under the stated conditions of measurement.

Calibrated By
Rahul
Calibration Engineer
Mr.Rahul Pawar



Approved By
cice
Technical Manager
Mrs. Vinita Ghogare

PF-31/0