

AN ISO 9001: 2008 COMPANY

Megger Authorized Service Center

B2/406, 4TH Floor, Boomerang, Chandivali Farm Road, Andheri East, Powai, Mumbai - 400072

Tel: +91 22 28579723/24

Email: dmegger@cpipl.com Website: www.cpipl.com

CERTIFICATE OF CALIBRATION

Certificate Number: **CPIPL/22-23/141**

Customer: Clear Point Instrumentation Pvt. Ltd

Instrument:

Description: FRAX TEST BOX
Manufacturer: Megger
Serial Number: CP1245

Calibration done At: Calibration Laboratory

Date on which the Instrument was received: 2nd November 2021

Condition of the Instrument when received: Working

Date of Issue: 2nd November 2021

Date of Calibration: 2th November 2021

Due Date of calibration: 1th November 2023

Environmental Conditions:

Temperature: 30° C +/- 3° C

Mains Voltage: 240V+/-10V

Relative Humidity: 50% +/- 10%

Mains Frequency: 50Hz+/- .5Hz

Comments

The uncertainty limits quoted refer to the measured values only with no account of the instruments ability to maintain its calibration.

Traceability:

Description	Make/model	Serial no.	Traceability (certificate no)	Validity
Multi meter calibrator with Current coil	Zeal	ZMMFC5.5	CC20422200000080F	11/01/2023



OBSERVATION

Certificate Number: CPIPL/22-23/141

Range	Test Point	Nominal value on UUC	Measured value on Standard	Error	Error %
1 nF	1000 pF	1000.000 pF	1015.000 pF	15.000 pF	1.5 %
5 MΩ	5 MΩ	5.000 MΩ	5.053 MΩ	0.053 MΩ	1.064 %

Checked by



Deepak Goel

Calibrated by

A handwritten signature in blue ink that reads "Rohit Sharma". The signature is written in a cursive style and is positioned above the name "Rohit Sharma".

Rohit Sharma

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Certificate of calibration

Certificate Number: **CPIPL/22-23/001**

Customer: Oasis Techno Engineer Private Limited, Noida.

Instrument:

Description: SFRA TEST KIT
Manufacturer: Megger
Model & Serial Number: FRAX99, 1801183

Calibration done At: Service center, New Delhi

Date on which the Instrument was received: 06th July 2022

Condition of the Instrument when received: Working

Date of Issue: 08th July 2022

Date of Calibration: 08th July 2022

Due Date of calibration: 07th July 2023

Environmental Conditions :-

Temperature: 30° C +/- 3° C

Relative Humidity: 50% +/- 10%

Mains Voltage: 240V+/-10V

Mains Frequency: 50Hz+/- .5Hz

Comments

The uncertainty limits quoted refer to the measured values only with no account of the instruments ability to maintain its calibration.

Traceability:

Description	Make/model	Serial no.	Traceability (certificate no)	Validity
FRAX TEST BOX	Megger	CP1245	CPIPL/22-23/141	01/11/2023



OBSERVATION

Certificate Number: CPIPL/22-23/001

Measurements

Result

Calibration procedure

OK

Open A, 10 Hz – 1 MHz, <-130 dB

OK

Open B, 10 Hz – 1 MHz, <-120 dB

OK

Open C, 1 MHz – 10 MHz, <-100 dB

OK

Short, 10 Hz – 2 MHz, 0 dB, and deviation max +/- 0.01 dB

+/- 0.000 dB

Short, 2 MHz – 10 MHz, 0 dB, and deviation max +/- 0.1 dB

+/- 0.020 dB

Capacitor, 1nF, deviation max +/- 0.5 dB <-100 dB

+/- 0.40 dB

Resistor, 5 MΩ, deviation max +/- 0.5 dB <-100 dB

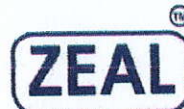
+/- 0.05 dB



Authorized Signatory



ZEAL MANUFACTURING AND CALIBRATION SERVICES PRIVATE LIMITED



Unit 1: Unit no. D-104, Satyam Industrial Estate, off. Karve road, Back Konark Udyog, Erandwane, Pune - 411004.

Tel. No.: +91-20-25441520, Mob. No.: +91 9325714841, +91 9075014802

Email: calibration@zealmfg.com, testing@zealmfg.com

Unit 2 : 13 & 7, Konark Udyog, Off. Karve Road, Behind Rescon Factory, Near Satyam Industrial Estate, Erandwane, Pune-411004.

Tel. No.: +91-20-25421547, Mob. No.: +91-9325714841 Email: calibration1@zealmfg.com Web : www.zealmfg.com

CALIBRATION – CERTIFICATE

Date of Calibration	Next Due Date of Calibration	Date of Issue	Certificate No.	ULR No.		
11/01/2022	11/01/2023	13/01/2022	01/44 (2021-2022)	CC204222000000080F		
1	Name of Customer		M/s: Clear Point Instrumentation Pvt. Ltd. B2/406, 4th Floor, Boomerang, Chandivali Farm Road, Powai, Andheri East, Mumbai- Maharashtra, India 400072			
2	Calibration Carried out at		: Calibration Laboratory			
3	Date of Receipt of Item		: 11/01/2022			
4	Condition of the Item		: Item Received in working condition.			
5	Calibration to be done		: Without Adjustment			
6	Description & Identification of the Item:					
Nomenclature		Make	Model	Sr. No.	Id. No.	Accuracy
5.5 Multifunction Calibrator with Current Coil		Zeal / Zeal	ZMMFC5.5 / ZMCC	201911395 / 219-07-04	CPIPL/ET/27 / CPIPL/ET/28	As per Manual
7	Environmental Conditions		: At Temperature 25°C ± 2 °C, Humidity 30 To 75 %RH			
8	Calibration Procedure No.		: CPM- 01,02,03,04,08, CPS- 08,09			
9	Parameter to be calibrated		: DC/AC Voltage, DC/AC Current, Frequency, DC/AC Current with Current Coil			
10. Details of Traceability Used For Calibration						
NAME	MAKE/MODEL	SR.NO. / ID.NO.	CALIBRATION CERT. NO. & DATE	CALIBRATED BY		
6 ½ Digit Precision Multimeter	FLUKE / 8846A	3547023 / ZS/DMM/08	C2171169/E/01 Dated: 03/07/2021	ASPL, Thane		
Digital Clamp meter	Kyoritsu / KEW SNAP 2003A	E8233886 / ZS/CLM/02	05/06-(2021-2022) Dated: 13/05/2021	ZMCSP, PUNE		
Frequency Counter	HP / 53181A	KR91201396 / ZS/FC/01	CC/ECL/0626/21-22 Dated: 26/08/2021	IDEMI, Mumbai		
High current shunt	Zeal / ---	--- / ZS/SHUNT/05	CC/ECL/1453/20-21 Dated: 17/02/2021	IDEMI, Mumbai		
AC/DC High Current Shunt	Zeal / ---	--- / ZS/SHUNT/04	CC/ECL/1049/21-22 Dated: 12/11/2021	IDEMI, Mumbai		
Current Coil with Multifunction Calibrator	FLUKE / 9100	C18120151-1 / ZS/CC/01	CC/ECL/1418/21-22 Dated: 15/12/2021	IDEMI, MUMBAI		

11. OBSERVATIONS: DISCIPLINE GROUP: ELECTRO-TECHNICAL



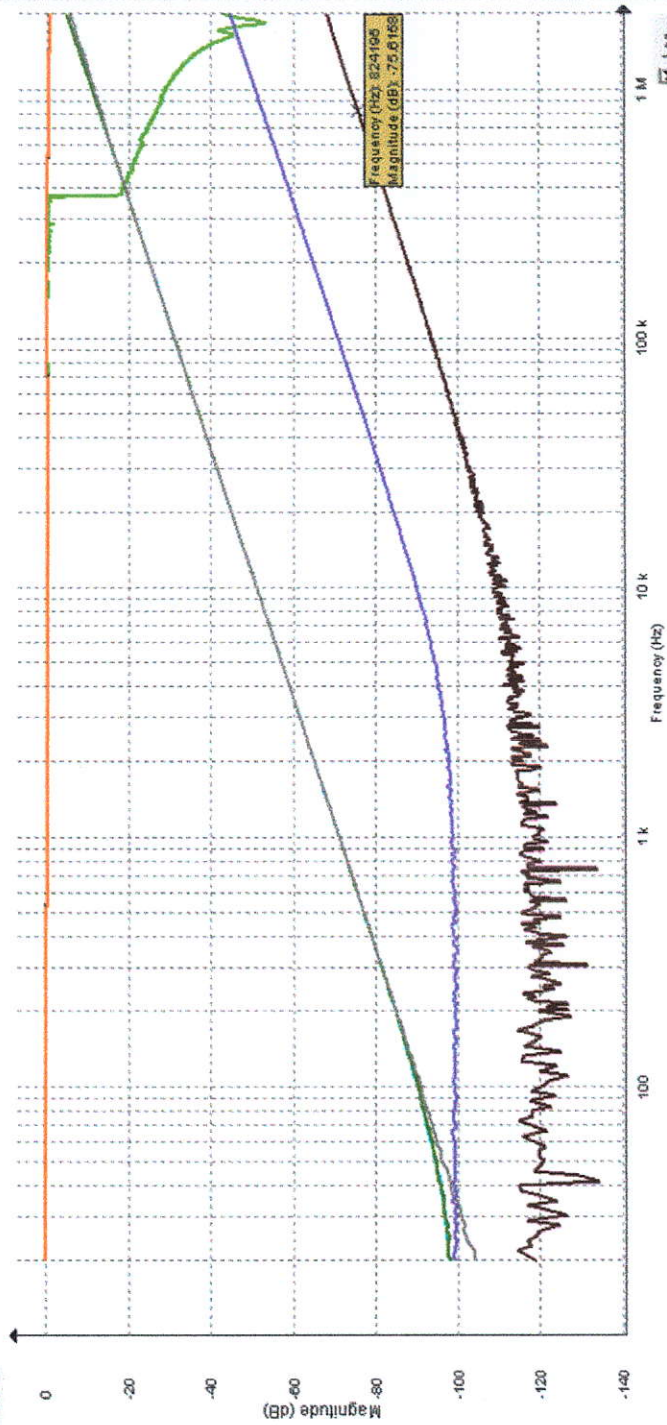
- File
 - Edit
 - Configuration
 - Windows
 - Help
- | |
|---------------------|
| 2022-07-08 11:28:54 |
| cpip1 |
| h |
| h (1) |
| h (2) |
| h (3) |
| h (4) |
| h (5) |
| h (6) |
| h (7) |

Nameplate (Alt+N) | Magnitude (Alt+M) | Phase (Alt+P) | Magnitude / Phase (Alt+M)

Type: 0

Log

Magnitude



Models

- SFRA (dB)
- Magnitude
- Phase

Add Sweep (Ctrl+A)

Delete Sweep (Ctrl+D)

- Graph Settings (Ctrl+G)
- Graph 1 (Ctrl+1)
- Graph 2 (Ctrl+2)
- Graph 3 (Ctrl+3)
- Graph 4 (Ctrl+4)
- Graph 5 (Ctrl+5)
- Difference (Alt+D)

- New Test (Ctrl+N)
- Select Test (Ctrl+S)
- Edit Nameplate (Ctrl+E)

- Connect (F7)
- Start (F9)

Activate Windows
Go to PC settings to activate Windows