

**Certificate of calibration**

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

**Customer: Oasis Techno Engg. Pvt. Ltd.**

**Instrument:**

**Description:** SFRA TEST KIT  
**Manufacturer:** Doble  
**Model Number:** M5400  
**Serial Number :-** 11100367

**Calibration done At:** Service center, New Delhi  
**Date on which the Instrument was received:** 09<sup>th</sup> SEP 2022  
**Condition of the Instrument when received:** Working  
**Date of Issue:** 09<sup>th</sup> SEP 2022  
**Date of Calibration:** 09<sup>th</sup> SEP 2022  
**Due Date of calibration:** 08<sup>th</sup> SEP2023

**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
FRAX TEST BOX	Megger	CP1245	CPIPL/22-23/150	01/11/2023



**OBSERVATION**

Certificate Number: CPIPL/22-23/001

Measurements

Calibration procedure

Open A, 10 Hz – 1 MHz, <-130 dB

Open B, 1 MHz – 10 MHz, <-100 dB

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

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

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

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

Result

OK

OK

OK

+/- 0.000 dB

+/- 0.022 dB

+/- 0.41 dB

+/- 0.04 dB

End of Result



Calibrated by  
Deepak Goel

**CERTIFICATE OF CALIBRATION**

Certificate Number: **CPIPL/22-23/150**

**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:** 2<sup>nd</sup> November 2021

**Condition of the Instrument when received:** Working

**Date of Issue:** 2<sup>nd</sup> November 2021

**Date of Calibration:** 2<sup>th</sup> November 2021

**Due Date of calibration:** 1<sup>th</sup> 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



AN ISO 9001: 2008 COMPANY

Megger Authorized Service Center

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

Tel: +91 22 28579723/24

Email: dmegger@cpipl.com Website: [www.cpipl.com](http://www.cpipl.com)

## CERTIFICATE OF CALIBRATION

OBSERVATION

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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

Calibrated by



Deepak Goel



Ajay Sharma



# 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	ZMC SPL, 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

