



FINIKS ENGINEERING COMPANY

Plot No. 21, Anand Nagar, Near Wasan Automobiles, Sahyadri Chowk, M.I.D.C. Anand Nagar - 414111 (M.S.) Tel. [0241] 2778918. E-mail finiks97@rediffmail.com

Calibration Certificate

Calibration Certificate of: **Insulation Tester (Megger)** ULR No. CC226721200015974F
 Certificate No. 21-ELC10/01/03 Date of Calibration 10/12/2021 Page No. 1/1
 Calibrated For: M/s. Kalawishwa Electrical Aurangabad

Work order No. 21-EL13/01 Date: 10/12/2021 Condition of Item Receipt: Ok
 ID No. 33321G Finiks Id. No. 21-EL10/01/03
 Make SHANTI Model ITS-10020
 Serial No. 33321G Type Analog- 160 RPM
 Range 0 to 200 Mohms / 1000V Least Count NA

Environmental Condition: Temperature: Ambient Temperature: 25°C ± 4°C. Humidity: <70%

Location of Calibration: Lab

Equipment / Reference Standard Used For Calibration: Traceable to National Standard

Equipment	Identification No	Certificate No	Calib. Date	Valid up to
5 1/2 Digit Multimeter	FEC/DMM-03	NCQC-E/161220/01	16/12/2020	15/12/2021
Decade Resistance Box	FEC/DRB-01	12/68 (2020-2021)	14/12/2020	14/12/2021

CALIBRATION RESULTS

Range 200 M Ohm

Std. Resistance	Observed Resistance on UUC	Error
M Ohm	M Ohm	M Ohm
0	0.0	0
9.9824	10.0	0.0176
19.9764	20	0.0236
49.9558	50	0.0442
99.9275	100	0.0725
199.842	200	0.158

Open Circuit Voltage = 992.4 V dc

Measurement Uncertainty ±0.26%

The reported uncertainty is at coverage factor K=2 which corresponds to a coverage probability of approximately 95% for normal distribution.

Note: 1) UUC- Unit Under Calibration

Next Date of Calibration (suggested by Customer): 10/12/2022

Calibrated by *[Signature]*



Authorized Signatory *[Signature]*

Chakote P. V.
Dy. T. M.

This Certificate refers only to the item (s) specified for calibration. This calibration results in this certificate are valid at the time of and under the stated conditions of measurements. This certificate shall not be reproduced, except in full without our prior permission in writing.

FM/17/00



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Calibration Certificate

Calibration Certificate of Earth Tester		ULR No. CC226721200015972F	
Certificate No	21-ELC10/01/01	Date of Calibration	10/12/2021
Page 1 of 1			
Calibrated For	Mrs. Kalwishwa Electrical Aurangabad		

Work Order No	21-EL10/01 Dated 10/12/2021	Condition of Items Recpt	Ok
ID No	21519F	Finiks Id.No.	21-EL10/01/01
Make	Shanti	Model	DET-10
Serial No	21619F	Type	Analog
Range	0-100 Ω / 0-1000 Ω	Least Count	0.2/2 Ω

Environmental Condition Temperature Ambient Temperature 25°C \pm 4°C, Humidity <70%

Location of Calibration : Lab

Calibration procedure use :- CP/17/00

Equipment / Reference Standard Used For Calibration : Traceable to National Standard

Equipment	Identification No.	Certificate No	Calib. Date	Valid up to
Decade Resistance Box	FEC/DRB-01	12/68 (2020-2021)	14/12/2020	14/12/2021

CALIBRATION RESULTS

Range / LC	Std. Resistance Ohm	Observed Rdg. On UUC Ohm	Error Ohm	Uncertainty \pm %
0 to 100 Ω / 0.2 Ω	0.00000	0.0	0.00000	
	2.00282	2.0	-0.00282	0.26
	4.00442	4.0	-0.00442	0.26
	6.00427	6.0	-0.00427	0.26
	8.00392	8.0	-0.00392	0.26
	10.01206	10.0	-0.01206	0.26

Range / LC	Std. Resistance Ohm	Observed Rdg. On UUC Ohm	Error Ohm	Uncertainty \pm %
0 to 100 Ω / 2 Ω	0.0000	0	0.000	
	19.9998	20	0.001	0.26
	40.0462	40	-0.046	0.26
	60.0075	60	-0.008	0.26
	80.0225	80	-0.022	0.26
	100.0092	100	-0.009	0.58

The reported uncertainty is at coverage factor K=2 which corresponds to a coverage probability of approximately 95% for normal distribution.

Note : 1] UUC- Unit Under Calibration

Next Date of Calibration (suggested by Customer): 10/12/2022

Calibrated by K

Authorized Signatory Chakote P. V.

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