



ROOTS INDUSTRIES INDIA LIMITED
ROOTS METROLOGY & TESTING LABORATORY
 B.K.G Industrial Estate, Ganapathy, Coimbatore-641 006, India
 Phone :9585840192/9003432356



NABL/ILAC/024 NABL ACCREDITATION
 CERTIFICATE NO. CC-2752

CALIBRATION CERTIFICATE

ULR Number: CC275219000083790F
 Certificate no : Rmti/01/319107848/10
 Date of calibration : 19/11/2022
 Suggested calibration due : 18/11/2023
 Customer po ,reference.& date:

Name and address of the customer
 The Medical officer
 Government primary health centre
 kodumbalur -pudukkottai(dist)

Receiving Condition Of Duc : Good
 Ref. Document :As Per Manufactures Specification
 Environmental Condition :25.3 Deg & 54.3% Rh
 Uncertainty Of Measurement :As Per Report
 Location :LAB

1.DESCRPTION OF DUC

Name Of The Duc : MICROSCOPE
 Make : BINOCULAR/LABOMED
 Model : LED
 SI.No : -----
 Range/Size : 230v

THE MASTERS ARE TRACEABLE TO NATIONAL/INTERNATIONAL STANDARDS AS PER ISO/IEC 17025.

2.DETAILS OF MASTER USED

Standard Instrument Used	Make/ Model	Id No	Traceable To/Certificate No	Validity
Decade Megohm	Vaisashika	Rml-230	Vaiseshika,Ambala Cantt/Ved/Nabi/18-19(Et)/92	1-6-2023
Multi Product Calibrator	Fluke	Rml-262	Wavecal,Blr/Cs-18/01-01	1-6-2023
Multi Product Calibrator (Ac/Dc Current Coil)	Transmille	Rml-252-1	Wavecal,Blr/Cs-18/69-01	1-6-2023
Leakage Current Tester	Htc/CI-2054	Rml-254-1	Rmti/01/319107848	1-6-2023

CALIBRATION FIELD: Electro Technical (Voltage Calibration -Ac)

Sl.no	Range	Master readings v	Calibrated values v	Error observed v	Uncertainty v
1	0 v to 400v	230	231	1	0.055

CURRENT CALIBRATION Ac Current @50Hz

Sl.no	Range	Master readings mA	Calibrated values mA	Error observed mA	Uncertainty mA
1	40Ma-100A	2	2.002	-0.002	0.045

Resistance calibration

Sl.no	Range	Master readings ohms	Calibrated values ohms	Error observed ohms	Uncertainty Ohms
1	40	39	39.01	0.001	0.007

4.remarks

- 4.1 uncertainty estimated for a confidence level of 95% at the k factor=2
 - 4.2the reported results are valid only for the condition of the inst./gauge received at the time of and under the condition of the calibration
 - 4.3 DUC -device under calibration
- Calibration label /status : Calibration result pass & fail are indicated



R. Madhu
 CALIBRATION ENGINEER

[Signature]
 AUTHORIZED SIGN

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 & Testing Laboratory, Coimbatore, cell:9585840192