



ROOTS INDUSTRIES INDIA LIMITED
ROOTS METROLOGY & TESTING LABORATORY
R.K.G Industrial Estate, Ganapathy, Coimbatore-641 006, India
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CALIBRATION CERTIFICATE

ULR Number: CC275219000083790F

| | |
|--|--|
| Name and address of the customer The Medical Officer Government Primery Health Centre Keelanilai Pudupatti- Pudukottai (dist) | Certificate no : Rmtl/01/319101315/037 Date of calibration : 17/8/2023 Suggested calibration due : 16/8/2024 Customer po .reference.& date: |
|--|--|

1.DESCRPTION OF DUC

| | |
|---|--|
| Name Of The Duc: MICROSCOPE Make : NA Model : LEICA GALEN III Sl.No : 1182WS Range/Size : 230v | 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 |
|---|--|

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/Nabl/18-19(Et)/92 | 1-6-2024 |
| Multi Product Calibrator | Fluke | Rml-262 | Wavecal,Blr/Cs-18/01-01 | 1-6-2024 |
| Multi Product Calibrator (Ac/Dc Current Coil) | Transmille | Rml-252-1 | Wavecal,Blr/Cs-18/69-01 | 1-6-2024 |
| Leakage Current Tester | Htc/CI-2054 | Rml-254-1 | Rmtl/01/319107848 | 1-6-2024 |

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

- 4.1uncertainty 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
 - 4.3DUC –device under calibration
- Calibration label /status : Calibration result pass & fail are indicated

CALIBRATION ENGINEER



AUTHORIZED SIGN

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