

**CALIBRATION CERTIFICATE**

ULR Number: CC27521900083790F

<b>Name and address of the customer</b> The Medical Officer Government Primary Health Center Kenapalli (B-Pudukkottai)(dist)	<b>Certificate no</b> :Rmtl/01/319101310/011 <b>Date of calibration</b> :18/8/2023 <b>Suggested calibration due</b> :17/8/2024 <b>Customer po.reference. &amp;date</b> :
<b>Name Of The Duc</b> : <b>CENTRIFUGE</b> <b>Make</b> : REMI <b>Model</b> : R-3C <b>SL.No</b> : ZEJN-32497 <b>Range/Size</b> :1-4000RPM/230v	<b>Receiving Condition Of Duc</b> :Good <b>Ref. Document</b> :As Per Manufactures Specification <b>Environmental Condition</b> :25.3 Deg & 54.3% Rh <b>Uncertainty Of Measurement</b> :As Per Report <b>Location</b> :lab

**1. DESCRIPTION OF DUC**

**THE MASTERS ARE TRACEABLE TO NATIONAL/INTERNATIONAL STANDARDS AS PER ISO/IEC17025.**

**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
Digital Tachometer	Mextec	Rml-251	Gsg/19/206/Tm/01	1-6-2024
MultiProduct Calibrator	Fluke	Rml-262	Wavecal, Bir/Cs-18/01-01	1-6-2024
MultiProduct Calibrator (Ac/Dc Current Coil)	Transmile	Rml-252-1	Wavecal, Bir/Cs-18/69-01	1-6-2024
Leakage Current Tester	Htc/CI-2054	Rml-254-1	Rmtl/01/319107848	1-6-2024

Sl.no	Range	Master reading sv	Calibrated value sv	Error observe dv	Uncertainty v
1	0v to 400v	230	231	1	0.055

**CALIBRATION FIELD: Electr oTechnical (Voltage Calibration-Ac)**

**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

**CALIBRATION FIELD: RPM Calibration**

Sl.no	Range	Master readings RPM	Calibrated values RPM	Error observed RPM	Uncertainty RPM
1	1RPM to 4000RPM	1600RPM	1599RPM	1RPM	0.055

**4. remarks**

- 4.1. uncertainty estimated for a confidence level of 95% at the k factor =2
- 4.2. the 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
- 4.4. Calibration label/status: Calibration result pass & failure indicated

 CALIBRATION ENGINEER	 CALIBRATION ENGINEER	 AUTHORIZED SIGN	This Report Refers Only To The Sample Submitted And May Not Be Reproduces In Full Or In Part, Without Written Permission From Roots Metrology & Testing Laboratory, Coimbatore, cell:9585840192
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