

CALIBRATION CERTIFICATE

Name and address of the customer: **The Medical Officer**
Government Primary health center
Nathambakk - thiruvananthapuram (dist)

U/R Number: CC275219000083790F
Certificate no: Rml/01/319107848/22
Date of calibration: 23/12/2022
Suggested calibration due: 22/12/2023
Customer po reference & date:

1. DESCRIPTION OF DUC

Name Of The Duc: CENTRIFUGE
Make : bd instrument
Model : labotech
Sl.No : 76732
Range/Size : 1-4000RPM/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	1-6-2023
Digital Tachometer	Mextec	Rml-251	Gsg/19/206/Tm/01	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/Cl-2054	Rml-254-1	Rml/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

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
- Calibration label /status : Calibration result pass & fail are indicated

 CALIBRATION ENGINEER			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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