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ROOTS METROLOGY & TESTING LABORATORY
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NABL ACCREDITATION
 CERTIFICATE NO CC-2752

CALIBRATION CERTIFICATE

ULR Number: CC275219000083790F

Name and address of the customer The Medical Officer Government Primary Health Center Virachalai-Pudukkottai(dist)		Certificate no :Rmtl/01/319101310/033 Date of calibration :13/9/2023 Suggested calibration due: 12/9/2024 Customer po.reference. &date:	
Name of the DUC : CENTRIFUGE Make: labotech Model: BDI-152 Sl.No :20111570 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	

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, Blr/Cs-18/01-01	1-6-2024
MultiProduct 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

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: Elect roTechnical (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

[Signature]
 CALIBRATION ENGINEER



[Signature]
 AUTHORIZED SIGN

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