



ROOTS INDUSTRIES INDIA LIMITED
ROOTS METROLOGY & TESTING LABORATORY
 R.K.G Industrial Estate, Ganapathy, Coimbatore-641 006,India
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NABL ACCREDITATION
 CERTIFICATE NO CC-2752

CALIBRATION CERTIFICATE

ULR Number: CC275219000083790F

Name and address of the customer TheMedicalOfficer Government Primery Health Center Keelanilai Pudupatti Pudukkottai(dist)	Certificate no :Rmtl/01/319101310/010 Date of calibration :17/8/2023 Suggested calibration due: 16/8/2024 Customer po.reference. &date:
NameOfTheDuc : CENTRIFUGE Make: labotech Model: BDI- 152 Sl.No :NA 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.DESCRPTION OF DUC

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

2.DETAILS OF MASTER USED

StandardInstrumentUsed	Make/Model	Id No	TraceableTo/CertificateNo	Validity
DecadeMegohm	Vaisashika	Rml-230	Vaiseshika,AmbalaCantt/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/DcCurrentCoil)	Transmille	Rml-252-1	Wavecal,Blr/Cs-18/69-01	1-6-2024
Leakage CurrentTester	Htc/Cl-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	0vto400v	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

Resistancecalibration

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	UncertaintyRPM
1	1RPMto4000RPM	1600RPM	1599RPM	1RPM	0.055

4.remarks

- 4.1uncertainty estimatedforaconfidence levelof95% atthek factor=2
- 4.2the reported results are valid only for the condition of the inst./gauge received at the
- 4.3time of and under theconditionofthecalibration
- 4.4DUC–device undercalibrationCalibrationlabel/status:Calibrationresultpass&failare indicated

 CALIBRATION ENGINEER	 CALIBRATION SEAL	 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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