



ROOTS INDUSTRIES INDIA LIMITED
ROOTS METROLOGY & TESTING LABORATORY
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CALIBRATION CERTIFICATE

ULR Number: CC275219000083790F

Name and address of the customer TheMedicalOfficer Government Primary Health Center Natchandupatti-Pudukkottai(dist)	Certificate no :Rmtl/01/319101310/020 Date of calibration :27/8/2023 Suggested calibration due: 26/8/2024 Customer po.reference. &date:
NameOfTheDuc : CENTRIFUGE Make: NA Model: NA Sl.No :171173 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/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	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

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

CALIBRATION ENGINEER



AUTHORIZED SIGN

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