

CERTIFICATE OF CALIBRATION

Customer Name	FHC Panavally	Certificate No.	FHCPY008
Customer Address	Panavally, Kerala 688526	Date of Calibration	12/04/2022
		Valid Upto	11/04/2023
		Date of Issue	13/04/2022

DUC* Details			
DUC* Name	CENTRIFUGE	S No.	2016-17/250
Make/Model No.	LABY	Location	LAB
ID No.	..	Visual Inspection	OK

Details of Reference Standards & Major Equipments Used			
Equipment Name	DIGITAL TACHO METER	THERMO HYGROMETER	
Make	METRAVI	HTC-2	
Model/SR No.	NCTM 1000/190518478	...	
Equipment Id	CHPL/MT-KL/TAM/002		
Calibration certificate No	UCSL/07-21/201_06	UCSL/07-21/201-01	
Calibration Validity	20/07/2022	20/07/2022	
Calibration By	UNIQUE CALIBRATIONS	UNIQUE CALIBRATION SOLUTIONS	

Environmental Condition			
Temperature	27°C	Relative Humidity	54%

Calibration Results				
SL NO	SET READING (RPM)	MEASURED READING (RPM)	TOLERANCE	STATUS
1	500	500.6	±5%	PASS
2	1000	1019	±5%	PASS
3	2500	2552	±5%	PASS

CALIBRATION STATUS	PASS	✓	FAIL	
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REMARKS:- *DUC- DEVICE UNDER CALIBRATION

- ❖ This result of calibration refers to only to the particular items submitted for calibration.
- ❖ The above result is valid at the time of and under the stated conditions measurement.
- ❖ Calibration certificate issued for weight & measure parameters like mass, weighting balance, volumetric equipment, measuring scales/tapes etc. Are scientific purpose only and should not used for commercial.

Calibrated By

JAYADEV K S




Issued and Approved By

PREJITH T B
TECHNICAL MANAGER



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DUC* Details					
DUC* Name	Make/Model No	S No.	ASSET ID	LOCATION	Visual Inspection
CENTRIFUGE	LABY	2016-17/250	..	LAB	OK

Details of Reference Standards & Major Equipments Used		
Equipment Name	ELECTRICAL SAFETY ANALYZER	THERMO HYGROMETER
Make	FLUKE	HTC-2
Model/SR No.	ESA 612/2959012	...
Equipment Id	CHPL/MT-KL/ESA/002	
Calibration certificate No	ET/220124A/01	UCSL/07-21/201-01
Calibration Validity	25/01/2023	20/07/2022
Calibration By	STIC	UNIQUE CALIBRATION SOLUTIONS

**STANDARD USED IS IEC 60601-1

ELECTRICAL SAFETY TEST VALUES

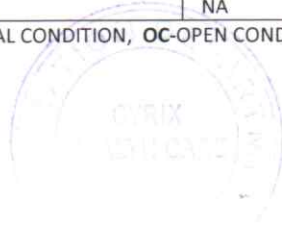
TEST NO.	NAME OF THE TEST	READING	HIGH LIMIT	LOW LIMIT	UNIT	STATUS
1	MAIN VOLTAGE -LIVE TO NEUTRAL	229.4	250	225	V	PASS
2	MAIN VOLTAGE -LIVE TO EARTH	228.4	240	220	V	PASS
3	MAIN VOLTAGE-NEUTRAL TO EARTH	0.2	3	0	V	PASS
4	EQUIPMENT CURRENT	0.3	16	0.1	mA	PASS
5	PROTECTIVE EARTH RESISTANCE	0.3	2	0	Ω	PASS
6	EARTH LEAKAGE CURRENT - NC	0.6	1	0.5	mA	PASS
7	EARTH LEAKAGE CURRENT - OC	0.7	1	0.5	mA	PASS
8	ENCLOSURE LEAKAGE CURRENT -NC	0.4	0.5	0.1	mA	PASS
9	ENCLOSURE LEAKAGE CURRENT -OC	0.3	0.5	0.1	mA	PASS
10	INSULATION RESITANCE					
	1.MAINS-PROTECTIVE EARTH	OL	100	0	MΩ	PASS
	2.APPLIED PART TO PROTECTIVE EARTH	NA	100	0	MΩ	PASS
	3.MAINS TO APPLIED PART	NA	100	0	MΩ	PASS
	4.MAINS TO NEUTRAL	OL	100	0	MΩ	PASS
	5.APPLIED PART TO NEUTRAL	NA	100	0	MΩ	PASS

*NOTE (NC -NORMAL CONDITION, OC-OPEN CONDTION). REMARKS- *DUC- DEVICE UNDER CALIBRATION

CALIBRATED BY

JAYADEV K S

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ISSUED AND APPROVED BY

PREJITH T B
TECHNICAL MANAGER

(Signature)