

**CERTIFICATE OF CALIBRATION**

Customer Name	AREA HOSPITAL JAMMALAMADUGU	Certificate No.	AHJM086
Customer Address	YSR KADAPA ANDHRA PRADESH-516434	Date of Calibration	28-03-2023
		Valid Upto	27-03-2024
		Date of Issue	29-03-2023

DUC* Details			
DUC* Name	Centrifuge	S No.	6409
Make/Model No.	LOCAL/NA	Location	ICTC LAB
ID No.	23070124	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/07-22/184_06	UCSL/07-22/184-01
Calibration Validity	20/07/2023	20/07/2023
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	500.8	±5%	PASS
2	1000	1015	±5%	PASS
3	2500	2565	±5%	PASS

<b>CALIBRATION STATUS</b>	PASS	✓	FAIL
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REMARKS:- \*DUC- DEVICE UNDER CALIBRATION

<ul style="list-style-type: none"> <li>❖ This result of calibration refers to only to the particular items submitted for calibration.</li> <li>❖ The above result is valid at the time of and under the stated conditions measurement.</li> <li>❖ Calibration certificate issued for weight &amp; measure parameters like mass, weighting balance, volumetric equipment, measuring scales/tapes etc. Are scientific purpose only and should not used for commercial.</li> </ul>
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Calibrated By

ACHUTHA



Issued and Approved By

PREJITH B  
TECHNICAL MANAGER

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Address	YSR KADAPA ANDHRA PRADESH-516434	Date of Calibration	28-03-2023
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DUC* Details					
DUC* Name	Make/Model No	S No.	ASSET ID	LOCATION	Visual Inspection
Centrifuge	LOCAL/NA	6409	23070124	ICTC 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/230117A/01	UCSL/07-22/184-01
Calibration Validity	23/01/2024	20/07/2023
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	250	225	V	PASS
2	MAIN VOLTAGE -LIVE TO EARTH	228	240	220	V	PASS
3	MAIN VOLTAGE-NEUTRAL TO EARTH	0.3	3	0	V	PASS
4	EQUIPMENT CURRENT	0.4	16	0.1	mA	PASS
5	PROTECTIVE EARTH RESISTANCE	0.4	2	0	$\Omega$	PASS
6	EARTH LEAKAGE CURRENT - NC	0.7	1	0.5	mA	PASS
7	EARTH LEAKAGE CURRENT - OC	0.6	1	0.5	mA	PASS
8	ENCLOSURE LEAKAGE CURRENT -NC	0.3	0.5	0.1	mA	PASS
9	ENCLOSURE LEAKAGE CURRENT -OC	0.2	0.5	0.1	mA	PASS
10	INSULATION RESISTANCE					
	1.MAINS-PROTECTIVE EARTH	OL	100	0	M $\Omega$	PASS
	2.APPLIED PART TO PROTECTIVE EARTH	NA	100	0	M $\Omega$	PASS
	3.MAINS TO APPLIED PART	NA	100	0	M $\Omega$	PASS
	4.MAINS TO NEUTRAL	OL	100	0	M $\Omega$	PASS
	5.APPLIED PART TO NEUTRAL	NA	100	0	M $\Omega$	PASS

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

CALIBRATED BY  
ACHUTH P K



ISSUED AND APPROVED BY  
PREJITH B  
TECHNICAL MANAGER