

Calibration Certificate

Format No. : FCS/QF/46

ISSUE DATE 01/07/2023

Page No. : 01 of 01

SERVICE REQUEST & CALIBRATION REPORT DETAILS (As per agreed with the Customer)			
Calibration Request Dated	06.11.2023	Date of Calibration :	07.11.2023
Calibration Request / Job No.	125 / 125-004	Next Date of Calibration	07.11.2024
Certificate No.	FCS/23/125-004	Certificate Issue Date	08.11.2023

CUSTOMER ADDRESS	ENVIRONMENTAL & INSTRUMENT CONDITIONS	
M/s Dipakshi Hospital Udhayan Marg, NTPC Township, C Block, Sector 33, Noida, Uttar Pradesh 201307 INDIA	Temperature	(25 ± 15) °C
	Relative Humidity	(50 ± 20) %RH
	Zerro Error	Nil
	Discipline	Mechanical lab
	Instrument Condition	In Working (Good)

CALIBRATION CERTIFICATE OF		DESCRIPTION OF (EQP) UNIT UNDER CALIBRATION	
CENTRIFUGE MACHINE		Make / Model	REMI
		Range / Size	As Per Instrument
Procedure Followed		Least Count	As Per Range
		Serial No.	ZIAN 01631
Reference Standard		Asset Code / I.D No.	NA
Calibration Performed At		Location	LAB
FCS/MD/103		Accuracy/Acceptance	Not Specified
NABL 126			
At Site			

DETAILS OF REFERENCE STANDARDS AND MAJOR EQUIPMENTS USED FOR CALIBRATION

Sr. No	Instrument Details	Asst Code	Certificate No.	Calibrated By	Valid upto
1	Digital Tachometer	FCS/MD/TM-01	NKERC/23/1001-006	NKERC	01.08.2024
2	Electrical Safety Analyzer	FCS/MD/ESA-01	AT23000007411	ASIAN	02.07.2024


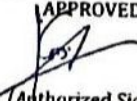
The Standards used for calibration are traceable to National Standards.

CALIBRATION RESULT

PARAMETER	DUC VALUE (rpm)	STANDARD VALUE (rpm)	ERROR (rpm)	Uncertainty ± (%)
Speed	800	802.3	-2.30	0.70
	1000	1003	-3.00	0.70
	2000	2005	-5.00	0.70
	3000	3007	-7.00	0.70
	4000	4012	-12.00	0.70

1. Electrical Safety (Visual Test)			2. Electrical Safety Test			
S.No	TESTS	REMARKS	S.No	PARAMETERS	MEASURE	REMARKS
1	Power Chords, Cable Check	OK	1	Voltage Between Line & Neutral (V in)	236.5V	OK
2	Main Socket Check	OK	2	Voltage Between Line & Earth (V ie)	243.3V	OK
3	Equipment Type (B/BF/CF)	B	3	Voltage Between Neutral & Earth (V en)	2.2V	OK
4	Equipment Class (I/II/III)	I	4	Patient Leakage Current (P L)	0.7µA	OK

B-BODY TYPE, BF-BODY FLOAT TYPE, CF-CARDIAC FLOAT TYPE, I-PROPERLY EARTHED, II-DOUBLE INSULATED, III-WITH EXTRA SAFETY LOW VOLTAGE.

CALIBRATED BY	APPROVED BY
 (Calibration Engineer)	 (Authorized Signatory)

Note :-

- UUC =* Unit Under Calibration*
- Uncertainty of measurement at approximately 95% Confidence Level with coverage factor k=2, ±20 µm
- The Calibration Result reported are valid at the time of Calibration and under stated conditions of Measurement.
- The Calibration report is not valid without sign of Factual Calibration Services (OPC) PVT. LTD.
- This Calibration Certificate only to the particular Equipment (Instrument) submitted for Calibration.
- The Calibration Certificate Should not be regenerated without the permission of Higher Authority of Factual Calibration Services (OPC) PVT. LTD.
- Calibration Certificate issue for weight & Measure parameters & Mass Balance Volumetric equipment, for scientific Purpose only.

A CALIBRATION LABORATORY

Calibration Certificate

Format No. : FCS/QF/46

ISSUE DATE 01/07/2023

Page No. : 01 of 01

SERVICE REQUEST & CALIBRATION REPORT DETAILS (As per agreed with the Customer)			
Calibration Request Dated	06.11.2023	Date of Calibration :	07.11.2023
Calibration Request / Job No.	125 / 125-005	Next Date of Calibration	07.11.2024
Certificate No.	FCS/23/125-005	Certificate Issue Date	08.11.2023

CUSTOMER ADDRESS	ENVIRONMENTAL & INSTRUMENT CONDITIONS
M/s Dipakshi Hospital Udhayan Marg, NTPC Township, C Block, Sector 33, Noida, Uttar Pradesh 201307 INDIA	Temperature (25 ± 15) °C Relative Humidity (50 ± 20) %RH Zero Error Null Discipline Medical Instrument Condition In Working (Good)

CALIBRATION CERTIFICATE OF		DESCRIPTION OF(EQP) UNIT UNDER CALIBRATION	
MICROSCOPE		Make / Model	NA
		Range / Size	As Per instrument
		Least Count	As Per Range
		Serail No.	19J0114
Procedure Followed	FCS/MD/119	Asset Code / I.D No.	NA
Reference Standard	ISO 10936-1	Location	LAB
Calibration Performed At	At Site	Accuracy/Acceptance	Not Specified

DETAILS OF REFERENCE STANDARDS AND MAJOR EQUIPMENTS USED FOR CALIBRATION

Sr. No	Instrument Details	Asst Code	Certificate No.	Calibrated By	Valid upto
1	Glass Scale	FCS/MD/GS-01	AT23000007412	ASIAN	02.07.2024
2	Electrical Safety Analyzer	FCS/MD/ESA-01	AT23000007411	ASIAN	02.07.2024

The Standards used for calibration are traceable to National Standards.

CALIBRATION RESULT

S. No.	X-Axis		Error	Y-Axis		Error
	Standard Value	DUC Value		Standard Value	DUC Value	
	1	0.000		0.000	100.000	
2	5.000	4.999	0.001	110.000	110.002	-0.002
3	10.000	9.996	0.004	120.000	120.003	-0.003
4	50.000	49.994	0.006	130.000	130.005	-0.005
5	80.000	79.991	0.009	140.000	140.009	-0.009

1. Electrical Safety (Visual Test)			2. Electrical Safety Test			
S.No	TESTS	REMARKS	S.No	PARAMETERS	MEASURE	REMARKS
1	Power Chords, Cable Check	OK	1	Voltage Between Line & Neutral (V in)	236.5V	OK
2	Main Socket Check	OK	2	Voltage Between Line & Earth (V ie)	243.3V	OK
3	Equipment Type (B/BF/CF)	B	3	Voltage Between Neutral & Earth (V en)	2.2V	OK
4	Equipment Class (I/II/III)	I	4	Patient Leakage Current (P L)	0.7µA	OK

B-BODY TYPE, BF-BODY FLOAT TYPE, CF-CARDIAC FLOAT TYPE, I-PROPERLY EARTHED, II-DOUBLE INSULATED, III-WITH EXTRA SAFETY LOW VOLTAGE.

CALIBRATED BY	APPROVED BY
 (Calibration Engineer)	 (Authorized Signatory)

<p>Note :-</p> <ol style="list-style-type: none"> UUC =* Unit Under Calibration* Uncertainty of measurement at approximately 95% Confidence Level with coverage factor k=2, ±20 µm The Calibration Result reported are valid at the time of Calibration and under stated conditions of Measurement. The Calibration report is not valid without sign of Calibration Services (OPC) PVT. LTD. This Calibration Certificate only to the particular Equipment (Instrument) submitted for Calibration. The Calibration Certificate Should not be regenerated without the permission of Higher Authority of Factual Calibration Services (OPC) PVT. LTD. Calibration Certificate issue for weight & Measure parameters & Mass Balance Volumetric equipment, for scientific Purpose only.

A CALIBRATION LABORATORY



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Calibration Certificate

Format No. : FCS/QF/46

ISSUE DATE 01/07/2023

Page No. : 01 of 01

SERVICE REQUEST & CALIBRATION REPORT DETAILS (As per agreed with the Customer)			
Calibration Request Dated	06.11.2023	Date of Calibration :	07.11.2023
Calibration Request / Job No.	125 / 125-006	Next Date of Calibration	07.11.2024
Certificate No.	FCS/23/125-006	Certificate Issue Date	08.11.2023

CUSTOMER ADDRESS	ENVIRONMENTAL & INSTRUMENT CONDITIONS	
M/s Dipakshi Hospital Udhayan Marg, NTPC Township, C Block, Sector 33, Noida, Uttar Pradesh 201307 INDIA	Temperature	(25 ± 15) °C
	Relative Humidity	(50 ± 20) %RH
	Zerro Error	Null
	Discipline	Medical
	Instrument Condition	In Working (Good)

CALIBRATION CERTIFICATE OF		DESCRIPTION OF(EQP) UNIT UNDER CALIBRATION	
URINE ANALYZER		Make / Model	YD URISCAN OPTIMA
		Range / Size	As Per Instrument
Procedure Followed		Least Count	As Per Range
Reference Standard		Serial No.	UID-00614814
Calibration Performed At		Asset Code / I.D No.	NA
FCS/MD/117		Location	LAB
NABL 126		Accuracy/Acceptance	Not Specified
At Site			

DETAILS OF REFERENCE STANDARDS AND MAJOR EQUIPMENTS USED FOR CALIBRATION

Sr. No	Instrument Details	Asst Code	Certificate No.	Calibrated By	Valid upto
1	Electrical Safety Analyzer	FCS/MD/ESA-01	AT23000007411	ASIAN	02.07.2024

The Standards used for calibration are traceable to National Standards.

CALIBRATION RESULT

1. Electrical Safety		
Visual Test		
Sr. No	TESTS	REMARKS
1	Power Chords, Cable Check	OK
2	Main Socket Check	OK
3	Equipment Type (B/BF/CF)	B
4	Equipment Class (I/II/III)	I

B-BODY TYPE, BF-BODY FLOAT TYPE, CF-CARDIAC FLOAT TYPE, I-PROPERLY EARTHED, II-DOUBLE INSULATED
III-WITH EXTRA SAFETY LOW VOLTAGE.

2. Electrical Safety Test			
Sr. No	PARAMETERS	Measured Value	REMARKS
1	Voltage Between Line & Neutral (V in)	236.3 V	OK
2	Voltage Between Line & Earth (V ie)	243.6 V	OK
3	Voltage between Neutral & Earth (V en)	2.2 V	OK
4	Load Current (I a)	0.5 A	OK
5	Earth Leakage Current (I L)	7.8 μA	OK
6	Enclosure Current	0.6 μA	OK
7	Patient Leakage Current (P L)	0.7 μA	OK

CALIBRATED BY (Calibration Engineer)	APPROVED BY (Authorized Signatory)
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Note :-

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OUR BRANCHES : GHAZIABAD KATHMANDU LUCKNOW REWARI NOIDA PUNJAB



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Format No. : FCS/QF/46

ISSUE DATE 01/07/2023

Page No. : 01 of 01

SERVICE REQUEST & CALIBRATION REPORT DETAILS (As per agreed with the Customer)			
Calibration Request Dated	06.11.2023	Date of Calibration :	07.11.2023
Calibration Request / Job No.	125 / 125-008	Next Date of Calibration	07.11.2024
Certificate No.	FCS/23/125-008	Certificate Issue Date	08.11.2023

CUSTOMER ADDRESS	ENVIRONMENTAL & INSTRUMENT CONDITIONS
M/s Dipakshi Hospital Udhayan Marg, NTPC Township, C Block, Sector 33, Noida, Uttar Pradesh 201307 INDIA	Temperature (25 ± 15) °C Relative Humidity (50 ± 20) %RH Zero Error Null Discipline Thermal (Medical) Instrument Condition In Working (Good)

CALIBRATION CERTIFICATE OF	DESCRIPTION OF (EQP) UNIT UNDER CALIBRATION
INCUBATOR	Make / Model NA Range / Size 0 to 110°C Least Count 0.1°C Serial No NA Asset Code / I.D No. INC-01 Location LAB Accuracy/Acceptance Not Specified
Procedure Followed FCS/MD/101	
Reference Standard ITS 90	
Calibration Performed At At Site	

DETAILS OF REFERENCE STANDARDS AND MAJOR EQUIPMENTS USED FOR CALIBRATION

Sr. No	Instrument Details	Asst Code	Certificate No.	Calibrated By	Valid upto
1	RTD Sensor with Indicator	FCS/MD/RTD-01	NKERC/23/1001-001	NKERC	01.08.2024
2	Electric Safety Analyzer	FCS/MD/ESA-01	AT23000007411	ASIAN	02.07.2024



The Standards used for calibration are traceable to National Standards.

CALIBRATION RESULT

PARAMETER	SET VALUE (°C)	DUC VALUE (°C)	STANDARD VALUE (°C)	ERROR (°C)	Uncertainty ± (%)
Temperature	0.0	0.0	0.000	0.000	0.95
	30.0	30.0	30.067	-0.067	0.95
	50.0	50.1	50.092	0.008	0.95
	70.0	70.1	70.054	0.046	0.95
	110.0	110.2	110.129	0.071	0.95

1. Electrical Safety (Visual Test)			2. Electrical Safety Test			
S.No	TESTS	REMARKS	S.No	PARAMETERS	MEASURE	REMARKS
1	Power Chords, Cable Check	OK	1	Voltage Between Line & Neutral (V in)	236.5V	OK
2	Main Socket Check	OK	2	Voltage Between Line & Earth (V ie)	243.3V	OK
3	Equipment Type (B/BF/CF)	B	3	Voltage Between Neutral & Earth (V en)	2.2V	OK
4	Equipment Class (I/II/III)	I	4	Patient Leakage Current (PL)	0.7µA	OK

B-BODY TYPE, BF-BODY FLOAT TYPE, CF-CARDIAC FLOAT TYPE, I-PROPERLY EARTHED, II-DOUBLE INSULATED, III-WITH EXTRA SAFETY LOW VOLTAGE.

CALIBRATED BY  (Calibration Engineer)	APPROVED BY  (Authorized Signatory)
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