

CALIBRATION CERTIFICATE

Discipline:- Thermal		7.8 F-02/(T)	Page 1 of 1
ULR No. - CC221321000001614F		Date of Request	16.01.2021
Certificate No. : NCL/A/2021/67/01		Date of Receipt of Item	19.01.2021
Calibrated For	M/S Mayom Multispeciality Hospital	Calibrated on	19.01.2021
	South City - 1, D - Block , Sector - 41,	Suggested Next Due Date	19.01.2022
	Gurgaon - 122003	Cert. Issue Date	20.01.2021

Description of Sample

Nomenclature	Digital Thermo Hygrometer with Sensor of Refrigerator	Accuracy	N/A
Make	Tempotec	Condition of UUC	OK
Range	Upto 60°C / 10 to 99 %RH	Calibration Performed at	Lab
Least count	0.1°C / 1%RH	Calibration Procedure No.	CP/T-08
Serial No./Model	---- / 32 Deluxe	Test Purpose	Calibration
Party ID Mark No.	MH/ME/JAN-11/LAB/RF/18	Reference Standard	ITS-90
Location	Laboratory	Environmental Cond's	25±4°C
		RH %	30 to 75 % RH

Master Equipment / Standard Used

S.No.	Nomenclature	Make	S.No./ ID Mark	Calibrated By	Certificate No.	Due Date of Cal
1	Digital Temperature & Humidity Meter With Sensor	Polltech	20275540 NCL/DTHM-01	Transcal	TSC/20-21/8834-2	08.12.2021

Standard used for calibration are traceable to National Standards through unbroken chain of calibration.

RESULTS

S.No	UUC Value (°C)	Standard Value (°C) @ 50%RH	Error (°C)	Uncertainty (±°C)
1	15.1	15.24	-0.14	0.46
2	24.9	25.46	-0.56	
3	49.9	50.69	-0.79	
S.No.	UUC Value (%RH)	Standard Value (%RH) @ 25 °C	Error (%RH)	Uncertainty (±%RH)
1	30	30.23	-0.23	0.94
2	44	44.74	-0.74	
3	84	85.03	-1.03	

Uncertainty expressed at approximately 95% Confidence Level with Coverage factor $k = 2$.

Remarks:

NOTE:-

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3. The above result are valid at the time of and under the stated condition of measurement.
4. Calibration certificate without signature are not valid.
5. *UUC = Unit under Calibration
6. Statement of conformity and applicable decision rule as standard.

Calibrated By

Calibration Engineer



Approved By

Quality Manager/ Technical Manager

CALIBRATION CERTIFICATE

Discipline:- Thermal		7.8 F-02/(T)	Page 1 of 1
ULR No. - CC221321000001615F		Date of Request	16.01.2021
Certificate No. : NCL/A/2021/67/02		Date of Receipt of Item	19.01.2021
Calibrated For	M/S Mayom Multispeciality Hospital	Calibrated on	19.01.2021
	South City - 1, D - Block , Sector - 41,	Suggested Next Due Date	19.01.2022
	Gurgaon - 122003	Cert. Issue Date	20.01.2021

Description of Sample			
Nomenclature	Digital Thermo Hygrometer with Sensor of Refrigerator	Accuracy	N/A
Make	Tempotec	Condition of UUC	OK
Range	Upto 60°C / 10 to 99 %RH	Calibration Performed at	Lab
Least count	0.1°C / 1%RH	Calibration Procedure No.	CP/T-08
Serial No./Model	---- / GNF 220X	Test Purpose	Calibration
Party ID Mark No.	MH/ME/JAN-11/LAB/RF/02	Reference Standard	ITS-90
Location	Laboratory	Environmental Cond's	25±4°C
		RH %	30 to 75 % RH

Master Equipment / Standard Used						
S.No.	Nomenclature	Make	S.No./ ID Mark	Calibrated By	Certificate No.	Due Date of Cal
1	Digital Temperature & Humidity Meter With Sensor	Polltech	20275540 NCL/DTHM-01	Transcal	TSC/20-21/8834-2	08.12.2021

Standard used for calibration are traceable to National Standards through unbroken chain of calibration.

RESULTS				
S.No.	UUC Value (°C)	Standard Value (°C) @ 50%RH	Error (°C)	Uncertainty (±°C)
1	15.0	14.91	0.09	0.46
2	24.9	24.74	0.16	
3	49.9	49.67	0.23	
S.No.	UUC Value (%RH)	Standard Value (%RH) @ 25 °C	Error (%RH)	Uncertainty (±%RH)
1	29	28.95	0.05	0.94
2	44	43.65	0.35	
3	84	83.37	0.63	

Uncertainty expressed at approximately 95% Confidence Level with Coverage factor $k = 2$.

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CALIBRATION CERTIFICATE

Discipline:- Thermal		7.8 F-02/(T)	Page 1 of 1
ULR No. - CC221321000001616F		Date of Request	16.01.2021
Certificate No. : NCL/A/2021/67/03		Date of Receipt of Item	19.01.2021
Calibrated For	M/S Mayom Multispeciality Hospital	Calibrated on	19.01.2021
	South City - 1, D - Block , Sector - 41,	Suggested Next Due Date	19.01.2022
	Gurgaon - 122003	Cert. Issue Date	20.01.2021

Description of Sample			
Nomenclature	Digital Thermo Hygrometer with Sensor of Refrigerator	Accuracy	N/A
Make	Tempotec	Condition of UUC	OK
Range	Upto 60°C / 10 to 99 %RH	Calibration Performed at	Lab
Least count	0.1°C / 1%RH	Calibration Procedure No.	CP/T-08
Serial No./Model	---	Test Purpose	Calibration
Party ID Mark No.	MH/ME/JAN-11/LAB/RF/01	Reference Standard	ITS-90
Location	Laboratory	Environmental Cond's	25±4°C
		RH %	30 to 75 % RH

Master Equipment / Standard Used						
S.No	Nomenclature	Make	S.No./ ID Mark	Calibrated By	Certificate No.	Due Date of Cal
1	Digital Temperature & Humidity Meter With Sensor	Polltech	20275540 NCL/DTHM-01	Transcal	TSC/20-21/8834-2	08.12.2021

Standard used for calibration are traceable to National Standards through unbroken chain of calibration.


RESULTS				
S.No	UUC Value (°C)	Standard Value (°C) @ 50%RH	Error (°C)	Uncertainty (±°C)
1	15.0	15.12	-0.12	0.46
2	24.9	25.21	-0.31	
3	49.9	50.63	-0.73	
S.No	UUC Value (%RH)	Standard Value (%RH) @ 25 °C	Error (%RH)	Uncertainty (±%RH)
1	30	30.22	-0.22	0.94
2	46	46.74	-0.74	
3	83	83.88	-0.88	

Uncertainty expressed at approximately 95% Confidence Level with Coverage factor $k = 2$.

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CALIBRATION CERTIFICATE

Discipline:- Mechanical		7.8 F-02/(MV)	Page 1 of 1
ULR No. - CC221321000001617F		Date of Request	16.01.2021
Certificate No. : NCL/A/2021/67/04		Date of Receipt of Item	19.01.2021
Calibrated For	M/S Mayom Multispeciality Hospital South City - 1, D - Block , Sector - 41, Gurgaon - 122003	Calibrated on	19.01.2021
		Suggested Next Due Date	19.01.2022
		Cert. Issue Date	20.01.2021

Description of Sample

Nomenclature	Micropipette	Accuracy	N/A
Make	Erba	Condition of UUC	OK
Size	0.5 to 50 µl	Calibration Performed at	Lab
Least count	0.5 µl	Calibration Procedure No.	CP/M/MV/04
Serial No./Model No.	01165297	Test Purpose	Calibration
Party ID Mark No.	MH/ME/LAB/12/1/PT/01	Reference Standard	IS/ISO: 835-2007
Location	Laboratory	Environmental Cond's	23 ± 2°C RH % 40 to 60 % RH

Master Equipment / Standard Used

S.No.	Nomenclature	Make	S.No./ I/D Mark	Calibrated By	Certificate No.	Due Date of Cal
1	Dig. Weighing Balance	Citizen	NCL/WB/03	MCLPL	21000000576	31.12.2021

Standard used for calibration are traceable to National Standards through unbroken chain of calibration.

RESULTS

S.No.	UUC Value (in µl)	Observed Value on Standard (In µl)	Error in (µl)	Mean Average Value at 27°C (in µl)
1	10	10.04	-0.04	10.04
2	30	30.12	-0.12	30.12
3	50	50.34	-0.34	50.34

Uncertainty expressed at approximately 95% Confidence Level with Coverage factor $k = 2 \pm 0.5\mu$

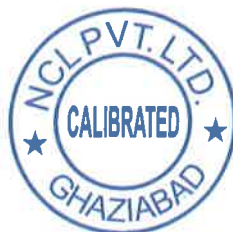
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CALIBRATION CERTIFICATE

Discipline:- Mechanical		7.8 F-02/(MV)	Page 1 of 1
ULR No. - CC221321000001618F		Date of Request	16.01.2021
Certificate No. : NCL/A/2021/67/05		Date of Receipt of Item	19.01.2021
Calibrated For	M/S Mayom Multispeciality Hospital South City - 1, D - Block , Sector - 41, Gurgaon - 122003	Calibrated on	19.01.2021
		Suggested Next Due Date	19.01.2022
		Cert. Issue Date	20.01.2021

Description of Sample

Nomenclature	Micropipette	Accuracy	N/A
Make	Erba	Condition of UUC	OK
Size	100 to 1000 µl	Calibration Performed at	Lab
Least count	5 µl	Calibration Procedure No.	CP/M/MV/04
Serial No./Model No.	01147816	Test Purpose	Calibration
Party ID Mark No.	MH/ME/LAB/12/1/PT/02	Reference Standard	IS/ISO: 835-2007
Location	Laboratory	Environmental Cond's	23 ± 2°C
		RH %	40 to 60 % RH

Master Equipment / Standard Used

S.No.	Nomenclature	Make	S.No./ I/D Mark	Calibrated By	Certificate No.	Due Date of Cal
1	Dig. Weighing Balance	Citizen	NCL/WB/03	MCLPL	21000000576	31.12.2021

Standard used for calibration are traceable to National Standards through unbroken chain of calibration.

RESULTS

S.No.	UUC Value (in µl)	Observed Value on Standard (in µl)	Error in (µl)	Mean Average Value at 27°C (in µl)
1	100	99.87	0.13	99.87
2	500	499.21	0.79	499.21
3	1000	998.69	1.31	998.69

Uncertainty expressed at approximately 95% Confidence Level with Coverage factor $k = 2. \pm 0.6 \mu l$

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Calibration Engineer



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Quality Manager/Technical Manager

CALIBRATION CERTIFICATE

Discipline:- Electro Technical		7.8 F-02/(E)	Page 1 of 1
ULR No. - CC22132100001619F		Date of Request	16.01.2021
Certificate No. : NCL/A/2021/67/06		Date of Receipt of Item	19.01.2021
Calibrated For	M/S Mayom Multispeciality Hospital South City - 1, D - Block , Sector - 41, Gurgaon - 122003	Calibrated on	19.01.2021
		Suggested Next Due Date	19.01.2022
		Cert. Issue Date	20.01.2021

Description of Sample

Nomenclature	Digital Timer	Accuracy	N/A
Make	Pacer	Condition of UUC	OK
Size	0 to 99.9 Min.	Calibration Performed at	Lab
Least count	0.1 Min.	Calibration Procedure No.	CP/E-09
Serial No./Model No.	---- / Pacer103	Test Purpose	Calibration
Party ID Mark No.	MH/ME/LAB/TMR/01	Reference Standard	IS: 10996
Location	Laboratory	Environmental Cond's	25±4°C RH 35 to 70%

Master Equipment / Standard Used

S.N.	Nomenclature	Make	S.No./ I/D Mark	Calibrated By	Certificate No.	Due Date of Cal
1	Digital Time Calibrator	MAS	50120J18	AACPL	AACPL/09201F	06.12.2021

Standard used for calibration are traceable to National Standards through unbroken chain of calibration.

Calibration Results


S.No.	UUC Value (Min.Sec.)	STD Value (Hr.:Min.:Sec.:1/1000s)	Uncertainty ±(Sec.)
1	5:00	300:012	0.04
2	10:00	600:036	0.04
3	30:00	1800:089	0.04
4	45:00	2700:115	1.2
5	60:00	3600:219	1.2
6	90:00	5400:287	1.2

Uncertainty expressed at approximately 95% Confidence Level with Coverage factor $k = 2$.

Remarks:

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Quality Manager/Technical Manager

CALIBRATION CERTIFICATE

Discipline:- Mechanical		7.8 F-02/(D)	Page 1 of 1
ULR No. - CC221321000001620F		Date of Request	16.01.2021
Certificate No. : NCL/A/2021/67/07		Date of Receipt of Item	----
Calibrated For	M/S Mayom Multispeciality Hospital	Calibrated on	19.01.2021
	South City - 1, D - Block , Sector - 41,	Suggested Next Due Date	19.01.2022
	Gurgaon - 122003	Cert. Issue Date	20.01.2021

Description of Sample

Nomenclature	Centrifuge	Accuracy	N/A
Make	RK Surgical Industries	Condition of UUC	OK
Range	0 - 5000 rpm	Calibration Performed at	Site
Least count	50 rpm	Calibration Procedure No.	CP/E-12
Serial No./Model No.	----	Test Purpose	Calibration
Party ID Mark No.	MH/ME/LAB/JUL-16/CF/02	Reference Standard	Indian Standard
Location	Laboratory	Environmental Cond's	23±5°C
		RH %	40 to 70%

Master Equipment / Standard Used

S.No.	Nomenclature	Make	S.No./ I/D Mark	Calibrated By	Certificate No.	Due Date of Cal
1	Digital Tachometer	EAPL	NCL/DTM-02	NCLPL	NCL/K/2020/24/01	28.11.2021

Standard used for calibration are traceable to National Standards through unbroken chain of calibration.

RESULTS

S.No.	UUC Value (rpm)	Standard Value (rpm)	Error (rpm)	Uncertainty(±%)
1	100	99.3	-0.7	2.5
2	500	499.1	-0.9	
3	1000	998.3	-1.7	
4	3000	2998	-2	
5	5000	4996	-4	

Uncertainty expressed at approximately 95% Confidence Level with Coverage factor ($k = 2$)

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6. Statement of conformity and applicable decision rule as standard.

Calibrated By



Calibration Engineer



Approved By



Quality Manager/Technical Manager

CALIBRATION CERTIFICATE

Discipline:- Thermal		7.8 F-02/(T)	Page 1 of 1
ULR No. - CC221321000001621F		Date of Request	16.01.2021
Certificate No. : NCL/A/2021/67/08		Date of Receipt of Item	19.01.2021
Calibrated For	M/S Mayom Multispeciality Hospital South City - 1, D - Block , Sector - 41, Gurgaon - 122003	Calibrated on	19.01.2021
		Suggested Next Due Date	19.01.2022
		Cert. Issue Date	20.01.2021

Description of Sample

Nomenclature	Digital Thermo Hygrometer	Accuracy	N/A
Make	HTC	Condition of UUC	OK
Range	Upto 60°C / 10 to 99 %RH	Calibration Performed at	Lab
Least count	0.1°C / 1%RH	Calibration Procedure No.	CP/T-08
Serial No./Model	----	Test Purpose	Calibration
Party ID Mark No.	MH/ME/LAB/LAB-06	Reference Standard	ITS-90
Location	Laboratory	Environmental Cond's	25±4°C RH % 30 to 75 % RH

Master Equipment / Standard Used

S.No	Nomenclature	Make	S.No./ ID Mark	Calibrated By	Certificate No.	Due Date of Cal
1	Digital Temperature & Humidity Meter With Sensor	Polltech	20275540 NCL/DTHM-01	Transcal	TSC/20-21/8834-2	08.12.2021

Standard used for calibration are traceable to National Standards through unbroken chain of calibration.

RESULTS

S.No	UUC Value (°C)	Standard Value (°C) @ 50%RH	Error (°C)	Uncertainty (±°C)
1	15.0	15.24	-0.24	0.46
2	25.1	25.41	-0.31	
3	50.1	50.67	-0.57	
S.No	UUC Value (%RH)	Standard Value (%RH) @ 25 °C	Error (%RH)	Uncertainty (±%RH)
1	30	30.18	-0.18	0.94
2	45	45.52	-0.52	
3	84	84.78	-0.78	

Uncertainty expressed at approximately 95% Confidence Level with Coverage factor $k = 2$.

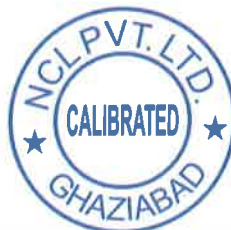
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Calibration Engineer



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Quality Manager/Technical Manager

CALIBRATION CERTIFICATE

Discipline:- Thermal		7.8 F-02/(T)	Page 1 of 1
ULR No. - CC221321000001622F		Date of Request	16.01.2021
Certificate No. : NCL/A/2021/67/09		Date of Receipt of Item	-----
Calibrated For	M/S Mayom Multispeciality Hospital South City - 1, D - Block , Sector - 41, Gurgaon - 122003	Calibrated on	19.01.2021
		Suggested Next Due Date	19.01.2022
		Cert. Issue Date	20.01.2021

Description of Sample

Nomenclature	Water Bath	Accuracy	N/A
Make	Tanco	Condition of UUC	OK
Range	30 to 110°C	Calibration Performed at	Site
Least count	5°C	Calibration Procedure No.	CP/E-07
Serial No./Model No.	-----	Test Purpose	Calibration
Party ID Mark No.	MH/ME/LAB/WB/01	Reference Standard	ITS:90
Location	Laboratory	Environmental Cond's	25±5°C
		RH	35 to 70%

Master Equipment / Standard Used

S.N.	Nomenclature	Make	S.No./ I/D Mark	Calibrated By	Certificate No.	Due Date of Cal
1	Dig. Temperature Indicator With SPRT	Fluke	02847 NCL/SPRT-01	Transcal	TCS/20-21/4341-2	17.08.2021

Standard used for calibration are traceable to National Standards through unbroken chain of calibration.

RESULTS

S.No.	UUC Value (°C)	Std. Value (°C)	Error (°C)	Uncertainty (±°C)
1	30	29.912	0.088	0.3
2	50	49.856	0.144	
3	70	69.654	0.346	
4	80	79.598	0.402	
5	90	89.423	0.577	
6	100	99.148	0.852	

Uncertainty expressed at approximately 95% Confidence Level with Coverage factor $k = 2$.

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Quality Manager/Technical Manager

CALIBRATION CERTIFICATE

Discipline:- Thermal		7.8 F-02/(T)	Page 1 of 1
ULR No. - CC221321000001624F		Date of Request	16.01.2021
Certificate No. : NCL/A/2021/67/11		Date of Receipt of Item	----
Calibrated For	M/S Mayom Multispeciality Hospital	Calibrated on	19.01.2021
	South City - 1, D - Block , Sector - 41,	Suggested Next Due Date	19.01.2022
	Gurgaon - 122003	Cert. Issue Date	20.01.2021

Description of Sample

Nomenclature	Incubator	Accuracy	N/A
Make	Tanco	Condition of UUC	OK
Range	30 to 110°C	Calibration Performed at	Site
Least count	5°C	Calibration Procedure No.	CP/E-07
Serial No./Model No.	-----	Test Purpose	Calibration
Party ID Mark No.	MH/ME/LAB/JAN-10/INCUB/02	Reference Standard	ITS:90
Location	Microbiology	Environmental Cond's	25±5°C
		RH	35 to 70%

Master Equipment / Standard Used

S.N.	Nomenclature	Make	S.No./ I/D Mark	Calibrated By	Certificate No.	Due Date of Cal
1	Dig. Temperature Indicator With SPRT	Fluke	02847 NCL/SPRT-01	Transcal	TCS/20-21/4341-2	17.08.2021

Standard used for calibration are traceable to National Standards through unbroken chain of calibration.

RESULTS

S.No.	UUC Value (°C)	Std. Value (°C)	Error (°C)	Uncertainty (±°C)
1	30	29.976	0.024	0.3
2	50	49.921	0.079	
3	70	69.775	0.225	
4	80	79.632	0.368	
5	90	89.519	0.481	
6	100	99.228	0.772	

Uncertainty expressed at approximately 95% Confidence Level with Coverage factor $k = 2$.

Remarks:

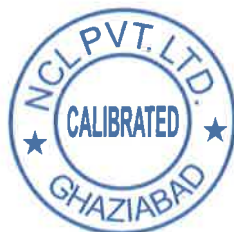
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CALIBRATION CERTIFICATE

Discipline:- Thermal		7.8 F-02/(T)	Page 1 of 1
ULR No. - CC221321000001625F		Date of Request	16.01.2021
Certificate No. : NCL/A/2021/67/12		Date of Receipt of Item	----
Calibrated For	M/S Mayom Multispeciality Hospital	Calibrated on	19.01.2021
	South City - 1, D - Block , Sector - 41,	Suggested Next Due Date	19.01.2022
	Gurgaon - 122003	Cert. Issue Date	20.01.2021

Description of Sample

Nomenclature	Incubator	Accuracy	N/A
Make	Tanco	Condition of UUC	OK
Range	30 to 110°C	Calibration Performed at	Site
Least count	5°C	Calibration Procedure No.	CP/E-07
Serial No./Model No.	-----	Test Purpose	Calibration
Party ID Mark No.	MH/ME/LAB/JAN-10/INCUB/01	Reference Standard	ITS:90
Location	Microbiology	Environmental Cond's	25±5°C
		RH	35 to 70%

Master Equipment / Standard Used

S.N.	Nomenclature	Make	S.No./ I/D Mark	Calibrated By	Certificate No.	Due Date of Cal
1	Dig. Temperature Indicator With SPRT	Fluke	02847 NCL/SPRT-01	Transcal	TCS/20-21/4341-2	17.08.2021

Standard used for calibration are traceable to National Standards through unbroken chain of calibration.

RESULTS

S.No.	UUC Value (°C)	Std. Value (°C)	Error (°C)	Uncertainty (±°C)
1	30	29.956	0.044	0.3
2	50	49.884	0.116	
3	70	69.632	0.368	
4	80	79.559	0.441	
5	90	89.416	0.584	
6	100	99.114	0.886	

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Quality Manager/Technical Manager

CALIBRATION CERTIFICATE

Discipline:- Thermal		7.8 F-02/(T)	Page 1 of 1
ULR No. - CC221321000001626F		Date of Request	16.01.2021
Certificate No. : NCL/A/2021/67/13		Date of Receipt of Item	----
Calibrated For	M/S Mayom Multispeciality Hospital	Calibrated on	19.01.2021
	South City - 1, D - Block , Sector - 41,	Suggested Next Due Date	19.01.2022
	Gurgaon - 122003	Cert. Issue Date	20.01.2021

Description of Sample			
Nomenclature	Hot Air Oven	Accuracy	N/A
Make	Tanco	Condition of UUC	OK
Range	50 to 300°C	Calibration Performed at	Site
Least count	10°C	Calibration Procedure No.	CP/E-07
Serial No./Model No.	----	Test Purpose	Calibration
Party ID Mark No.	MH/ME/LAB/JAN-10/OVEN/01	Reference Standard	ITS:90
Location	Microbiology	Environmental Cond's	25±5°C
		RH	35 to 70%

Master Equipment / Standard Used						
S.No.	Nomenclature	Make	S.No./ I/D Mark	Calibrated By	Certificate No.	Due Date of Cal
1	Dig.Temperature Indicator With SPRT	Fluke	02847 / NCL/SPRT-01	Transcal	TSC/20-21/4341-2	17.08.2021

Standard used for calibration are traceable to National Standards through unbroken chain of calibration.

RESULTS				
S.No.	UUC Value (°C)	Std. Value (°C)	Error (°C)	Uncertainty (±°C)
1	50	49.936	0.064	0.3
2	100	99.898	0.102	
3	150	149.748	0.252	
4	200	199.691	0.309	
5	300	299.528	0.472	

Uncertainty expressed at approximately 95% Confidence Level with Coverage factor $k = 2$.

Remarks:

NOTE:-

1. This results of calibration refers only to the particular item submitted for calibration
2. This certificate shall not be reproduce,expert in full, without the written permission of the laboratory.
3. The above result are valid at the time of and under the stated condition of measurement.
4. Calibration certificate without signature are not valid.
5. *UUC = Unit under Calibration
6. Statement of conformity and applicable decision rule as standard.

Calibrated By



Calibration Engineer



Approved By



Quality Manager/Technical Manager

CALIBRATION CERTIFICATE

Discipline:- Thermal		7.8 F-02/(T)	Page 1 of 1
ULR No. - CC221321000001627F		Date of Request	16.01.2021
Certificate No. : NCL/A/2021/67/14		Date of Receipt of Item	19.01.2021
Calibrated For	M/S Mayom Multispeciality Hospital	Calibrated on	19.01.2021
	South City - 1, D - Block , Sector - 41,	Suggested Next Due Date	19.01.2022
	Gurgaon - 122003	Cert. Issue Date	20.01.2021

Description of Sample

Nomenclature	Digital Thermo Hygrometer with Sensor of Refrigerator	Accuracy	N/A
Make	Tempotec	Condition of UUC	OK
Range	Upto 60°C / 10 to 99 %RH	Calibration Performed at	Lab
Least count	0.1°C / 1%RH	Calibration Procedure No.	CP/T-08
Serial No./Model	---	Test Purpose	Calibration
Party ID Mark No.	MH/ME/LAB/RF/19	Reference Standard	ITS-90
Location	Microbiology	Environmental Cond's	25±4°C
		RH %	30 to 75 % RH

Master Equipment / Standard Used

S.No	Nomenclature	Make	S.No./ ID Mark	Calibrated By	Certificate No.	Due Date of Cal
1	Digital Temperature & Humidity Meter With Sensor	Polltech	20275540 NCL/DTHM-01	Transcal	TSC/20-21/8834-2	08.12.2021

Standard used for calibration are traceable to National Standards through unbroken chain of calibration.

RESULTS

S.No	UUC Value (°C)	Standard Value (°C) @ 50%RH	Error (°C)	Uncertainty (±°C)
1	15.0	15.11	-0.11	0.46
2	25.0	25.36	-0.36	
3	49.9	50.47	-0.57	
S.No	UUC Value (%RH)	Standard Value (%RH) @ 25 °C	Error (%RH)	Uncertainty (±%RH)
1	30	30.23	-0.23	0.94
2	45	45.51	-0.51	
3	84	84.69	-0.69	

Uncertainty expressed at approximately 95% Confidence Level with Coverage factor $k = 2$.

Remarks:

NOTE:-

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4. Calibration certificate without signature are not valid.
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6. Statement of conformity and applicable decision rule as standard.

Calibrated By

Calibration Engineer



Approved By

Quality Manager/Technical Manager

CALIBRATION CERTIFICATE

Discipline:- Mechanical		7.8 F-02/(P)	Page 1 of 1
ULR No. - CC221321000001628F		Date of Request	16.01.2021
Certificate No. : NCL/A/2021/67/15		Date of Receipt of Item	----
Calibrated For	M/S Mayom Multispeciality Hospital South City - 1, D - Block , Sector - 41, Gurgaon - 122003	Calibrated on	19.01.2021
		Suggested Next Due Date	19.01.2022
		Cert. Issue Date	20.01.2021

Description of Sample

Nomenclature	Pressure Gauge of Auto Clave	Accuracy	N/A
Make	Baumer	Condition of UUC	OK
Range	0 - 2 Kg/cm ²	Calibration Performed at	Site
Least count	0.05 Kg/cm ²	Calibration Procedure No.	CP/PM/S-01
Serial No./Model No.	----	Test Purpose	Calibration
Party ID Mark No.	MH/ME/LAB/SEP-18/ETA/01	Reference Standard	DKD-R-6-1
Location	Auto Clave Room	Environmental Cond's	23±5°C
		RH %	40 to 70% RH

Master Equipment / Standard Used

S.No.	Nomenclature	Make	S.No./ I/D Mark	Calibrated By	Certificate No.	Due Date of Cal.
1	Pressure Calibrator	R & D	NCL/DPC-02	R & D	CS/19/LB/MP/678-03	16.03.2021

Standard used for calibration are traceable to National Standards through unbroken chain of calibration.

RESULTS

S.No.	UUC Value (Kg/cm ²)	Standard Value		Error (Kg/cm ²)
		bar	Kg/cm ²	
1	0.00	0.000	0.000	0.000
2	0.50	0.488	0.498	0.002
3	1.00	0.975	0.995	0.005
4	1.50	1.462	1.491	0.009
5	2.00	1.852	1.889	0.111
6	1.50	1.464	1.493	0.007
7	1.00	0.976	0.996	0.004
8	0.50	0.489	0.499	0.001
9	0.00	0.000	0.000	0.000

Uncertainty expressed at approximately 95% Confidence Level with Coverage factor (k = 2) = ±0.035 Kg/cm²

Remarks:

NOTE :-

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2. This certificate shall not be reproduce,expert in full, without the written permission of the laboratory.
3. The above result are valid at the time of and under the stated condition of measurement.
4. Calibration certificate without signature are not valid.
5. *UUC = Unit under Calibration
6. Statement of conformity and applicable decision rule as standard.

Calibrated By


Calibration Engineer



Approved By


Quality Manager/Technical Manager

CALIBRATION CERTIFICATE

Discipline:- Mechanical		7.8 F-02/(P)	Page 1 of 1
ULR No. - CC221321000001629F		Date of Request	16.01.2021
Certificate No. : NCL/A/2021/67/16		Date of Receipt of Item	----
Calibrated For	M/S Mayom Multispeciality Hospital South City - 1, D - Block , Sector - 41, Gurgaon - 122003	Calibrated on	19.01.2021
		Suggested Next Due Date	19.01.2022
		Cert. Issue Date	20.01.2021

Description of Sample

Nomenclature	Pressure Gauge of Auto Clave	Accuracy	N/A
Make	H-Guru	Condition of UUC	OK
Range	0 - 2.1 Kg/cm ²	Calibration Performed at	Site
Least count	0.05 Kg/cm ²	Calibration Procedure No.	CP/PM/S-01
Serial No./Model No.	----	Test Purpose	Calibration
Party ID Mark No.	MH/ME/LAB/SEP-18/ETA/02	Reference Standard	DKD-R-6-1
Location	Auto Clave Room	Environmental Cond's	23±5°C
		RH %	40 to 70% RH

Master Equipment / Standard Used

S.No.	Nomenclature	Make	S.No./ I/D Mark	Calibrated By	Certificate No.	Due Date of Cal.
1	Pressure Calibrator	R & D	NCL/DPC-02	R & D	CS/19/LB/MP/678-03	16.03.2021

Standard used for calibration are traceable to National Standards through unbroken chain of calibration.

RESULTS

S.No.	UUC Value (Kg/cm ²)	Standard Value		Error (Kg/cm ²)
		bar	Kg/cm ²	
1	0.00	0.000	0.000	0.000
2	0.50	0.486	0.496	0.004
3	1.00	0.972	0.991	0.009
4	1.50	1.457	1.486	0.014
5	2.10	2.041	2.082	0.018
6	1.50	1.460	1.489	0.011
7	1.00	0.975	0.994	0.006
8	0.50	0.488	0.498	0.002
9	0.00	0.000	0.000	0.000

Uncertainty expressed at approximately 95% Confidence Level with Coverage factor ($k = 2$) = ± 0.035 Kg/cm²

Remarks:

NOTE :-

1. This results of calibration refers only to the particular item submitted for calibration
2. This certificate shall not be reproduce,expert in full, without the written permission of the laboratory.
3. The above result are valid at the time of and under the stated condition of measurement.
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