



Certificate No: CC2471

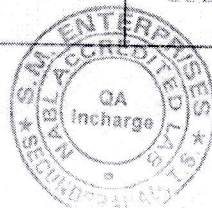
S.M. ENTERPRISES

Lab / Office : Plot No. 12, Sanjeevaiah Nagar, Co-operative Society,
Besides Tadbund Hanuman Temple, Sikh Village, Secunderabad - 500 009, T. S. INDIA.
Phone : 040-27840697 | 48541008. Telefax : 040-27840798.
Cell : 99482 93008 | 99482 91008 | 98480 20798 | 99482 92008.
E-mail : msudheer_98@smentp.org | msudheer_98@yahoo.com
Website : www.smentp.org

CALIBRATION CERTIFICATE

SME/QM/FF/44	ULR NO : CC24712100000821F		Page : 1 of 2
Certificate No.:	SME/PH/TH/707	Date of Issue :	20-Nov-2021
Date of Calibration :	20-Nov-2021	Recom. Due Dt :	19-Nov-2022
Name and Address of the Customer :		Customer Reference :	
M/s. PACE HOSPITALS Hitech City , T.S.		SRF No :	093
		Calibrated at :	In-House
		Date of Receipt :	20-Nov-2021
		Condition of item :	GOOD
		Field of Calibration :	Thermal
Details of Instrument: (UUC / DUC)			
Description :	HYDERO METER (Room Temp)	Make :	HTC
Range :	-10 °C to 50 °C 10 to 99%Rh	Model	HTC-1
Accuracy :	± 1 °C & ± 5 %RH	ID NO :	PHM/BME/LAB/HYDRO/01
Resolution :	0.1 °C & 1 % Rh	Location :	4TH FLOOR
Master Insurment Details :			
Name	ID No.	Valid Upto:	Traceability
Digital Temperature Humidity Meter	SME/THM/05 SME/THM/05/1	Dt: 07/09/2021 DueDt: 07/09/2022	TSC/21-22/7670-1
Temperature & RH Bath	Used as Source		
Work Instruction No :		SME/QM/WI/05	
Calibration Environment :			
Temperature :	24.2 °C	Relative Humidity :	40.2% Rh

Checked By: M. SUJEET KUMAR Technical Manager	Authorised Signatory SUDHEER M. KUMAR / M. SUJEET KUMAR QM & MD / D.QM & TM
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CALIBRATION RESULT

Temperature Calibration

Sr. No	Standard Reading	Test Reading	Error (±)	Uncertainty
	°C	°C	°C	(±) °C
1	15.2	15.5	0.3	2.6
2	25.3	25.1	0.2	2.6
3	40.4	40.7	0.3	2.6
4	49.5	49.7	0.2	2.6

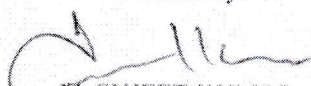
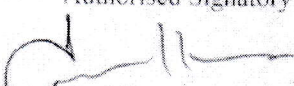
Humidity Calibration @ ambient Temperature

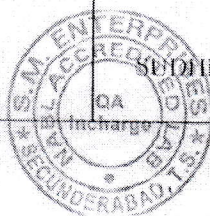
Sr. No	Standard Reading	Test Reading	Error	Uncertainty
	%RH	%RH	%RH	(±) %RH
1	30.4	31	0.6	6.6
2	50.4	51	0.6	6.6
3	75.1	74	1.1	6.6
4	85.1	84	1.1	6.6
5	90.2	92	1.8	6.6

Note:

- The above UUC/DUC was Calibrated at Lab.
- Definition of UUC / DUC : Unit under Calibration / Device under Calibration.
- The reported Expanded Uncertainty is calculated at 95.45 % with covarger factor k = 2.
- Test reading given was the average of 5 Measurements.
- The report shall not be reproduced in full/part without prior permission of S.M Enterprises.
- The report refers only to particular item(s) submitted for calibration.
- The calibration results reported are valid at the time of and under the stated conditions of the measurements.
- The Equipment was Calibrated without any adjustment.
- The above Expanded Uncertainty includes Repeatability, Stability, Resolution & Uncertainty of Measurements.
- S.M Enterprises is not liable for any change in calibration data & performance specifications on account of malfunctioning of Standard / instrument / Equipments covered by this report due to damage caused to it after issuance of this report.
- S.M Enterprises is not liable for any change in calibration data & performance specifications on account of malfunctioning of Standard / instrument / Equipments covered by this report due to damage caused to it after issuance of this report.
- All Precautions have been taken for any error or omission while calibrating the instruments and issuing this certificate. However S.M Enterprises shall not be liable for any loss or liability that may be arised to any party in this regards.
- The Equipments user for Calibration were Calibrated and traceable to National / International Standards.

END OF CERTIFICATE

Checked By:  M. SUJEET KUMAR Technical Manager	Authorised Signatory  SUDHEER M. KUMAR / M. SUJEET KUMAR QM & MD / D.QM & TM
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