

CALTEK PTE. LTD.

23 Tagore Lane, #04-08/09/10/11 Tagore 23 Warehouse, Singapore 787601
Tel: (65) 64520300 Fax: (65) 64520500
Email: info@caltekgroup.com Website: www.caltekgroup.com

CALIBRATION CERTIFICATE

CERTIFICATE NUMBER : CTS-111-1014-20	JOB NUMBER : CTJ19-8721
RECEIVED DATE : 30-Dec-19	ISSUE DATE : 08-Jan-20

INSTRUMENT : THERMOHYGROGRAPH	Ambient Temperature : (23 ± 5) °C
MANUFACTURER : HISAMATSU MFG. CO.	Relative Humidity : (55 ±10) % r.h.
MODEL NO : TN-2500	Date of Calibration : 07-Jan-20
PART NO : -	Recommended Due Date : 07-Jan-21
SERIAL NO : 5650	Instrument Code : CT3260
CUSTOMER : FLEXTRONICS MANUFACTURING (SINGAPORE) PTE LTD.	Range : -
	Asset/Tag/Id/Code : 0418
	Page No : 1 of 2
	Status : As Found
	JR No : JR-17388

The described instrument has been calibrated at Caltek laboratory under the ambient conditions stated above.

This certificate provides traceability of measurement to the International System of Units (SI) and/or to units of measurement realised at the National Metrology Centre (NMC), Singapore or other recognized national metrology institutes.

The calibration method was carried out according to In-house Technical Calibration Procedure CTTM-T10-2007, as guide.

S.No.	REFERENCE INSTRUMENT(S)	SERIAL NO	DUE DATE
1.	Std.Hygrometer c/w probe	60813824/20055608	02-May-20

RESULTS OF CALIBRATION :

- The expanded uncertainty of measurement associated with the calibration is estimated at a level of confidence of approximately 95 % with a coverage factor of k=2.00.
- The results of calibration are given on the attached calibration data sheet(s).
- The user should determine the suitability of the instrument for its intended use.
- No Adjustments done.

REVIEWED & ACCEPTED

SIGN: CHANG MEL LAN

DATE: 09 JAN 2020

REMARKS: FQID 0418

Yepthimichan 10 JAN 20

Calibrated by :

Saathyish Vejayandran

EMP ID : 1107

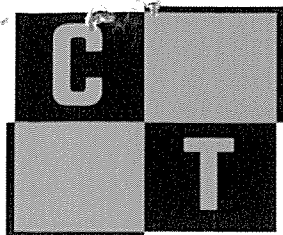
Approved by :

Siva

EMP ID : NA

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The results reported herein have been performed in accordance with the terms of accreditation under the Singapore Accreditation Council.





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Calibration Results: RELATIVE HUMIDITY MEASUREMENT @ FIXED TEMPERATURE OF 23°C

Mean Reference Reading	Mean Instrument Reading - Before Adjustment	Error	Expanded Uncertainty
%rh	%rh	%rh	%rh
24.7	25.5	0.8	2.5
49.8	50.0	0.2	2.5
84.3	85.5	1.2	3.0

Calibration Results: TEMPERATURE MEASUREMENT @ NOMINAL RELATIVE HUMIDITY OF 50%r.h.

Mean Reference Reading	Mean Instrument Reading - Before Adjustment	Error	Expanded Uncertainty
°C	°C	°C	°C
17.8	18.2	0.4	0.6
23.9	24.2	0.3	0.6
29.8	30.4	0.6	0.6

Calibrated by :

Saathyish Vejayandran

EMP ID : 1107

Approved by :

Siva

EMP ID : NA

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