



SERVICEABLE



DESCRIPTION : THERMOHYGROMETER		QTY : 01
PART NO. : HTC-1		
SERIAL NO. : N/A		
STATUS: OVIH/REPAIR/MOD <u>CAL</u> TEST/NEW/CONSUMABLE/GSE		
TSN : N/A		TSO : N/A
SHELF DUE / EXP DATE : 31 MARCH 2023		
INSPECTED BY : Syka		GIN / REF :
SIGN : 		DATE : 5/4/2022
		CTE/279



SMSB

SENDI MAHIR SDN. BHD. 199501003943 (333138-T)
 NO. 6, 8, 10 & 12, JALAN KAPAR 27/89, MEGAH INDUSTRIAL PARK,
 SEKSYEN 27, 40400 SHAH ALAM, SELANGOR DARUL EHSAN, MALAYSIA.
 TEL: 03-5191 7388 FAX: 03-5191 0675
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CERTIFICATE OF CALIBRATION

Certificate No. : SM22989627

Date of Issue : 31 Mar 2022

Issued By : Sendi Mahir Sdn Bhd

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Customer : GALAXY AEROSPACE (M) SDN BHD
 SUITE 11-14, HELICOPTER CENTRE
 MALAYSIA INTERNATIONAL AEROSPACE CENTRE SULTAN ABDUL AZIZ SHAH AIRPORT
 47200 SUBANG SELANGOR

Instrument : Thermohygrometer

Calibration Date : 31 Mar 2022

Manufacturer : -

Recalibration Date Specified By Customer : 31 Mar 2023

Model/Type : HTC-1

Remark : The user should be aware that any numbers of factors may cause this instrument to drift out of calibration before the specified calibration interval has expired.

Serial No : CTE/279

Capacity : -

Resolution : 0.1 °C & 1% RH

Calibration Environment Condition:

Condition Upon Receiving : Good in Physical Condition

Temperature : 22.3 to 22.9 °C

Relative Humidity : 50 to 55 %rh

Condition Upon Returning : The instrument has been calibrated. Refer calibration results for detail.

Calibration Method : Internal Calibration Procedure(s) ICPT4

Calibration Venue : This Instrument has been calibrated at Sendi Mahir Sdn Bhd

Calibration Result : The result as following page(s). The expanded uncertainties are based on an estimated confidence probability of approximately at 95% and have a coverage factor of k=2 unless stated otherwise.

Reference Standard(s) Used :

Reference Standard Name	Serial No	Calibration Due Date	Traceable To
THERMOHYGROMETER	T001	16 Jun 2022	NMIM(MY)
RTD & PRT C/W THERMOMETER	T011	31 Jan 2023	NMIM(MY)

Calibrated By:

Johan Hilmi

Approved Signatory:

L.H. Seah

This certificate is issued in accordance with the conditions of accreditation granted by the SAMM which has assessed the measurement capability of the laboratory and its traceability to recognized national standards and to the units of measurement realised at the corresponding national standards laboratory. The results of calibration performed by Sendi Mahir Sdn. Bhd. apply to the particular equipment at the time of its test. They do not indicate or imply that Sendi Mahir Sdn. Bhd. approves, recommends or endorses the manufacturers or suppliers or users of such equipment that Sendi Mahir Sdn. Bhd. in any way guarantees the equipment's performance after calibration. Test/calibrations marked "Not SAMM Accredited" in this report/certificate are not included in the SAMM Accreditation Schedule of our laboratory. Opinions and interpretations expressed herein are outside the scope of SAMM accreditation. Copyright of this certificate is owned by the issuing laboratory and may not be reproduced other than in full except with the prior written approval of the Head of the issuing laboratory.



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SAMM 082

CERTIFICATE OF CALIBRATION

Certificate No : SM22989627

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Technical Information

Readability : 0.1 °C ; 1 %rh
Customer Specification : N/A

Calibration Results :

Accuracy Test

Temperature °C

Calibration Humidity : 40%rh (15 ~ 20°C)

Calibration Humidity : 50%rh (25 ~ 35°C)

Temperature Reading	Correction	
	Before Adjustment	After Adjustment
15	+ 1.3	N/A
20	+ 1.5	N/A
25	+ 1.8	N/A
30	+ 1.9	N/A
35	+ 2.3	N/A

Measurement Uncertainty : ± 0.2 °C

Humidity %rh

Calibration Temperature : 25 °C

Humidity Reading	Correction	
	Before Adjustment	After Adjustment
30	+ 2	N/A
50	+ 1	N/A
70	+ 1	N/A
90	+ 1	N/A

Measurement Uncertainty : ± 2 %rh

Note 1 : User Instrument Reading = Temperature/Humidity Reading - Correction

Note 2 : To derive Temperature/Humidity Reading = User Instrument Reading + Correction

Note 3 : Interpolation = Reading in between 2 test point may be derive by interpolate and plot a straight line graph where Temp. Reading(x-axis) Vs. Correction(y-axis).

Note 4 : Uncertainty = Parameter, associated with the result of measurement, that characterises the dispersion of the value that reasonably be attributed to the measurand.

Note 5 : If no adjustment was done refer to 'Correction before adjustment'. If adjustment was done refer to 'Correction after adjustment' to derive true value.

Note 6 : This instrument has been calibrated follow BS 1339-3 : 2014 and JIS Z8806 : 1995 as a general guideline.

Note 7 : N/A = Not Available.