



SMSB

SENDI MAHIR SDN. BHD. (333138-T)

GST No: 001894494208

NO.6, 8 & 10, JALAN KAPAR 27/89, MEGAH INDUSTRIAL PARK,
SEKSYEN 27, 40400 SHAH ALAM, SELANGOR DARUL EHSAN, MALAYSIA.

TEL: 03-5191 7388 (HUNTING LINE), 5191 7502, 5191 7592, 5192 9481 FAX: 03-5191 0675, 5191 9716

EMAIL: enquiry@sendimahir.com ; marketing@sendimahir.com Website: www.sendimahir.com



CERTIFICATE OF CALIBRATION

Certificate No. : SM17639487

Date of Issue : 10 Jan 2018

Issued By : Sendi Mahir Sdn Bhd

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Customer : M&E FACILITIES MANAGEMENT SDN BHD
NO.5 (GF), JALAN MEDAN PB3A,
SEKSYEN 9,
43650 PUSAT BANDAR BARU BANGI SELANGOR

Instrument : Thermohygrometer

Calibration Date : 10 Jan 2018

Manufacturer : Elitech

Recalibration Date : 10 Jan 2019

Model/Type : BT-2

Specified By Customer

Serial No : SM17639487

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.

Capacity : -

Resolution : 0.1 °C ; 1 %RH

Calibration Environment Condition:

Condition Upon Receiving : Good in Physical Condition

Temperature : 23.1 to 23.5 °C

Condition Upon Returning : Calibrated and Tested Serviceable.

Relative Humidity : 46 to 49 %RH

Calibration Method : In-house procedure 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	T035	29 Mar 2018	NMIM(MY)
PRT SENSOR	T057	29 Mar 2019	NMIM(MY)

Calibrated By:

Nor Asikin

Approved Signatory:

Mohd Azlan

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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MS ISO/IEC 17025
CALIBRATION
SAMM NO. 082

CERTIFICATE OF CALIBRATION

Certificate No : SM17639487

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Technical Information

Readability : 0.1 °C ; 1 %RH

Manufacturer 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	
	In	Out
15	- 0.2	+ 0.3
20	- 0.1	+ 0.4
25	+ 0.1	+ 0.5
30	+ 0.5	+ 0.5
35	+ 0.8	+ 0.6

Measurement Uncertainty : ± 0.2 °C

Humidity %RH

Calibration Temperature : 25 °C

Humidity Reading	Correction	
	Before Adjustment	After Adjustment
30	+ 2	N/A
50	- 2	N/A
70	- 2	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 : N/A = Not Available.