



# 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



MS ISO/IEC 17025  
CALIBRATION  
SAMM NO. 082

## CERTIFICATE OF CALIBRATION

Certificate No. : SM17609923

Date of Issue : 24 Aug 2017

Issued By : Sendi Mahir Sdn Bhd

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Customer : PREMIERWEST ENGINEERING SDN BHD  
NO 103, JALAN SS14/1  
47500 SUBANG JAYA SELANGOR

Instrument : Psychrometer

Manufacturer : Zeal

Model/Type : -

Serial No : 58905/58906

Capacity : -5 to 50°C

Resolution : 0.5°C

Condition Upon Receiving : Good in Physical Condition

Condition Upon Returning : Calibrated and Tested Serviceable.

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.

Calibration Date : 24 Aug 2017

Recalibration Date Specified By Customer : 24 Aug 2018

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.

### Calibration Environment Condition:

Temperature : 23.1 to 23.5 °C

Relative Humidity : 46 to 49 %RH

### Reference Standard(s) Used :

Reference Standard Name	Serial No	Calibration Due Date	Traceable To
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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### Technical Information

Sensor Type : Mercury

Manufacturer Specification : N/A

Readability : 0.3 °C

### Calibration Results :

All Unit In : °C

#### Accuracy Test

Temperature Reading	Correction	
	Wet	Dry
15	0.0	- 0.5
20	0.0	- 0.5
25	0.0	- 0.5
30	0.0	- 0.3
35	+ 0.3	0.0

Measurement Uncertainty :  $\pm$  0.3 °C

Note 1 : User Instrument Reading = Temperature Reading - Correction

Note 2 : To derive Temperature 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 : N/A = Not Available.