



SMSB

SENDI MAHIR SDN. BHD. (333138-T)
 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
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CERTIFICATE OF CALIBRATION

Certificate No. : SM15408821

Date of Issue : 06 Feb 2015

Issued By : Sendi Mahir Sdn Bhd

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Customer : 2R ENGINEERING SDN BHD
 LOT 818,BATU 9,
 CHERAS,
 43200 KAJANG SELANGOR MALAYSIA

Instrument : Pressure Gauge

Calibration Date : 06 Feb 2015

Manufacturer : -

Recalibration Date : 06 Feb 2016

Model/Type : -

Specified By Customer

Serial No : SM15408821

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 : 0 to 800 psi

Resolution : 10 psi

Calibration Environment Condition:

Condition Upon Receiving : Good in Physical Condition

Temperature : 22.6 to 22.9 °C

Condition Upon Returning : Calibrated and Tested Serviceable.

Relative Humidity : 50 to 52 %RH

Calibration Method : In-house procedure ICPF2P

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
MULTIFUNCTION CALIBRATOR	P021A	09 Jun 2015	NIM(CN)

Calibrated By:

M.K. Ng

Approved Signatory:

Shahizan Hardy

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. 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.

Johor



SETIANAS SDN. BHD.
 (Co. No. 370528-T)



Penang



PROCAL SERVICES SDN. BHD.
 (Co. No. 465725-K)





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MS ISO/IEC 17025
 CALIBRATION
 SAMM NO. 082

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Technical Information

Readability : 2.5 psi

Manufacturer Specification :
N/A

Calibration Results :

All Unit In : psi

Accuracy Test

Applied Pressure	Correction			
	Before Adjustment		After Adjustment	
	Increasing	Decreasing	Increasing	Decreasing
0	0.0	0.0	N/A	N/A
100	0.0	0.0	N/A	N/A
200	0.0	0.0	N/A	N/A
400	+ 5.0	+ 5.0	N/A	N/A
600	+ 15.0	+ 15.0	N/A	N/A
800	+ 15.0	+ 15.0	N/A	N/A

Measurement Uncertainty : \pm 2.8 psi

Note 1: User instrument reading = Applied Pressure - Correction

Note 2: To derive Applied Pressure = 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 Applied Pressure(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: Correction can be ignore if smaller than user specification, unless otherwise user shall apply correction to derive true value.

Note 6: If no adjustment done refer to 'Correction before adjustment' . If adjustment was done refer to 'Correction after adjustment' to derive the true value.

Note 7: (*) Out of specification

Note 8: N/A - Not Available.

