



# SMSB

**SENDI MAHIR SDN. BHD.** (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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**SAMM 082**

## CERTIFICATE OF CALIBRATION

Certificate No. : SM21957856

Date of Issue : 23 Nov 2021

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** : Pressure Gauge

**Calibration Date** : 23 Nov 2021

**Manufacturer** : UL

**Recalibration Date** : 23 Nov 2022

**Model/Type** : -

**Specified By Customer**

**Serial No** : CTE/99 A

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 4000 psi

**Resolution** : 100 psi

**Calibration Environment Condition:**

**Condition Upon Receiving** : Good in Physical Condition

**Temperature** : 23.6 to 24.0 °C

**Condition Upon Returning** : Calibrated and Tested Serviceable.

**Relative Humidity** : 47 to 49 %rh

**Calibration Method** : Internal Calibration Procedure(s) 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
PRESSURE METER	P015	13 Apr 2022	NMIM(MY)

Calibrated By:

Sean Philip

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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### Technical Information

Readability : 20 psi

Customer Specification :  
N/A

### Calibration Results :

All Unit In : psi

#### *Accuracy Test*

Applied Pressure	Correction	
	Increasing	Decreasing
0	0	0
500	+ 20	+ 20
1000	+ 40	+ 40
2000	+ 20	+ 20
3000	0	0
4000	0	0

Measurement Uncertainty : ± 23 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. Instrument Reading (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: (#) Indicates Not SAMM Accredited

Note 7: This instrument has been calibrated follow AS 1349 : 1986 Reconfirmed 2018 as a general guideline .