



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.
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SAMM 082

CERTIFICATE OF CALIBRATION

Certificate No. : SM23190012
Issued By : Sendi Mahir Sdn Bhd

Date of Issue : 21 Dec 2023

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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 : Tyre Pressure Gauge

Calibration Date : 21 Dec 2023

Manufacturer : PCL

Recalibration Date : 21 Dec 2024
Specified By Customer

Model/Type : MK3

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 : 4464322 (JBPM/GAM/127)

Capacity : 45 to 300 lbf/in²

Resolution : 5 lbf/in²

Calibration Environment Condition:

Condition Upon Receiving : Good Physical Condition

Temperature : 24.1 to 24.6 °C

Relative Humidity : 50 to 52 %rh

Condition Upon Returning : The instrument has been calibrated. The results are as follows.

Calibration Method : Internal Calibration Procedure(s) ICPF2P

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

Measurement Uncertainty : The reported expanded measurement uncertainty is stated as the standard measurement uncertainty multiplied by the coverage factor k such that the coverage probability corresponds to approximately 95% and have a coverage factor of k=2 unless stated otherwise.

Reference Standard(s) Used :

Reference Standard Name	Serial No	Certificate No	Due Date	Accreditation No	Traceability
PRESSURE METER	P010	SM23148454	18 Jul 2024	SAMM 082	NMIM(MY)

Calibrated By:

Sean Philip

Approved Signatory:

L.H. Seah

This certificate is issued in accordance with the laboratory accreditation requirements of Skim Akreditasi Makmal Malaysia (SAMM) of Standards Malaysia which is a signatory to the ILAC MRA. The measurement results included in this document are traceable to Malaysia national measurement standards maintained by the National Metrology Institute of Malaysia (NMIM). NMIM is a signatory to the CIPM MRA. It provides traceability of measurement to the SI system of units and/or to units of measurement realised at the NMIM and other recognised national metrology institutes. 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 : 1.25 lbf/in²

Customer Specification :
N/A

Calibration Results :

All Unit In : lbf/in²

Accuracy Test

Applied Pressure	Correction	
	Increasing	Decreasing
45	0.00	0.00
50	- 2.50	- 2.50
60	0.00	0.00
70	0.00	0.00
90	0.00	0.00
110	0.00	0.00

Measurement Uncertainty : ± 1.43 lbf/in²

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.

~END OF REPORT~