

No. 23- 0038 /LK-MaDa

No. Order : F025

**SERTIFIKAT KALIBRASI**  
**Calibration Certificate**

<b>Pemilik Alat</b> Owner	: PT.SCG LIGHTWEIGHT CONCRETE INDONESIA	<b>Nama Alat</b> Instrument	: Manometer Gaya
<b>Alamat</b> Address	: Karawang	<b>No.Seri</b> Serial Number	: ---
<b>Tgl. Kalibrasi</b> Calibration Date	: 24 Januari 2023	<b>Merk</b> Manufacture	: ---
<b>Lokasi Kalibrasi</b> Location of Calibration	: Laboratorium Kalibrasi PT.Madani Dasa	<b>Model</b> Type	: Digital
- Suhu Temperature	: 23 ± 3 °C	<b>Rentang Ukur</b> Range	: 200 kN
- Kelembaban Humidity	: 59 ± 5 %	<b>Resolusi</b> Resolution	: 0.1 kN

<b>Standart yang digunakan</b> Standard used	: Pressure Meter	Merk/Model/SN :	ZEMIC/YB 510/2105
<b>Ketertelusuran</b> Traceability	: PT. Tri Artha Manunggal		
<b>Metoda Kalibrasi</b> Reference Calibration Methode	: BS EN 837-1 : 1998 "Bourdon tube pressure gauges - Dimensions, metrology, requirements and testing", clause 10		

**Hasil Kalibrasi**  
**Calibration Report**

Penunjukkan Alat	Penunjukkan Standard	Koreksi	Error
kN	kN	kN	%
0	0	0	
20	19.99	-0.01	-0.07
40	39.99	-0.01	-0.02
60	60.54	0.54	0.89
80	80.67	0.67	0.82
100	100.79	0.79	0.79
120	120.92	0.92	0.76
140	141.05	1.05	0.74
160	161.17	1.17	0.73
180	181.30	1.30	0.72
$U_{95\%} = \pm 0.60\%$			

**Note :**

The Uncertainty is taken at a Confidence Level 95% and Coverage Factor ( k ) = 2

Bandung Barat, 24 Januari 2023

Manager Teknik



10  
**MADANI DASA**  
Abbas Nur Utama

-----End of Certificate-----

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