LABORATORIES
Plot No. A-444, Road No. 37, Rom Nagar, Wagle Estate, Thane - 400 604.
Lab : 91 (22) 2582 44 99, 20 47, 31 42 • 2583 34 10 • Fax : 91 (22) 2582 53 94
E-mail : info@elcalabs.com • Web : www.elcalabs.com
Physical, Chemical & Metallurgical Testing

TEST REPORT

DYNAMIC GAUGES PRIVATE LITIMED
FACT:13/14,MADHU VRINDA PHASE I,
DHURI INDUSTRIAL ESTATE
WALIV PHATA VASAI(E),DIST.THANE PH.2481038

NO : J 5456
Dated: 20/05/2010
Page no : 1

Challan:NIL DT.12/05/2007
Description :
22mm SQ.
STD.SS 316

Standard Specification : AISI 316
The above sample has been tested and the results are as below

Chemical Analysis

Test Date : 13/05/2007 Test Method : , OES- SPECTRO METHOD

	Standard Values		Standard Values
C% 0.017	0.080 max	Cr %16.49	16.00 to 18.00
Ni% 10.01	10.00 to 14.00	Mo %2.31	2.00 to 3.00

REMARKS

Chemical composition conforms to AISI 316L spec. as per the above elements analyzed.

Checked by

For ELCA LABORATORIES

Vaishali B.
(Authorised Signatory)
Sr. Chemist

Secc

案號:01

MAI SHIH INSTRUMENT CO.,LTD
(DIV. 100% E.O.U)

CALIBRATION REPORT

Certificate No. : P05072501
WORK ORDER NO: F-056(05.06)

Sr. No.	Product Code	Connection	Range	Mounting	Tag. No.	Instrument No.	A B	Instrument Reading										
								UP						DOWN				
						543550	**A**	**0.0**	**1.0**	**3.0**	**5.0**	**6.0**		**6.0**	**5.0**	**3.0**	**1.0**	**0.0**
1	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-6kg/cm2/psi	BOTTOM	PG-01	001	B	0.000	1.036	3.026	5.028	6.032		6.032	5.026	3.025	1.036	0.000
2	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-6kg/cm2/psi	BOTTOM	PG-01	002	B	0.000	1.011	3.016	5.022	6.028		6.028	5.021	3.016	1.011	0.000
3	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-6kg/cm2/psi	BOTTOM	PG-01	003	B	0.000	1.022	3.018	5.023	6.016		6.016	5.022	3.016	1.021	0.000
4	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-6kg/cm2/psi	BOTTOM	PG-01	004	B	0.000	1.011	3.017	5.020	6.028		6.028	5.019	3.015	1.009	0.000
5	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-6kg/cm2/psi	BOTTOM	PG-01	005	B	0.000	1.023	3.029	5.033	6.034		6.034	5.032	3.028	1.023	0.000
6	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-6kg/cm2/psi	BOTTOM	PG-01	006	B	0.000	1.056	3.050	5.045	6.049		6.049	5.042	3.050	1.055	0.000
7	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-6kg/cm2/psi	BOTTOM	PG-01	007	B	0.000	1.054	3.046	5.044	6.052		6.052	5.043	3.045	1.054	0.000
8	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-6kg/cm2/psi	BOTTOM	PG-01	008	B	0.000	1.034	3.028	5.031	6.037		6.037	5.030	3.028	1.033	0.000
9	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-6kg/cm2/psi	BOTTOM	PG-01	009	B	0.000	1.028	3.034	5.036	6.044		6.044	5.035	3.034	1.022	0.000
10	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-6kg/cm2/psi	BOTTOM	PG-01	010	B	0.000	1.019	3.022	5.028	6.038		6.038	5.027	3.022	1.019	0.000
11	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-6kg/cm2/psi	BOTTOM	PG-01	011	B	0.000	1.033	3.036	5.038	6.037		6.037	5.036	3.035	1.033	0.000
12	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-6kg/cm2/psi	BOTTOM	PG-01	012	B	0.000	1.011	3.017	5.020	6.028		6.028	5.019	3.015	1.009	0.000
13	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-6kg/cm2/psi	BOTTOM	PG-01	013	B	0.000	1.023	3.029	5.033	6.034		6.034	5.032	3.028	1.023	0.000
14	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-6kg/cm2/psi	BOTTOM	PG-01	014	B	0.000	1.045	3.047	5.051	6.055		6.055	5.049	3.047	1.043	0.000
15	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-6kg/cm2/psi	BOTTOM	PG-01	015	B	0.000	1.036	3.026	5.028	6.032		6.032	5.026	3.025	1.036	0.000
16	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-6kg/cm2/psi	BOTTOM	PG-01	016	B	0.000	1.042	3.040	5.036	6.045		6.045	5.034	3.039	1.040	0.000
17	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-6kg/cm2/psi	BOTTOM	PG-01	017	B	0.000	1.033	3.040	5.033	6.038		6.038	5.033	3.038	1.033	0.000
18	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-6kg/cm2/psi	BOTTOM	PG-01	018	B	0.000	1.001	3.012	5.020	6.022		6.022	5.020	3.010	1.001	0.000
19	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-6kg/cm2/psi	BOTTOM	PG-01	019	B	0.000	1.056	3.050	5.055	6.058		6.058	5.054	3.048	1.055	0.000
20	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-6kg/cm2/psi	BOTTOM	PG-01	020	B	0.000	1.041	3.043	5.040	6.044		6.044	5.040	3.041	1.040	0.000
21	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-6kg/cm2/psi	BOTTOM	PG-01	021	B	0.000	1.033	3.036	5.038	6.037		6.037	5.036	3.035	1.033	0.000
22	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-6kg/cm2/psi	BOTTOM	PG-01	022	B	0.000	1.011	3.017	5.020	6.028		6.028	5.019	3.015	1.009	0.000
23	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-6kg/cm2/psi	BOTTOM	PG-01	023	B	0.000	1.023	3.029	5.033	6.034		6.034	5.032	3.028	1.023	0.000
24	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-6kg/cm2/psi	BOTTOM	PG-01	024	B	0.000	1.056	3.050	5.045	6.049		6.049	5.042	3.050	1.055	0.000
25	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-6kg/cm2/psi	BOTTOM	PG-01	025	B	0.000	1.054	3.046	5.044	6.052		6.052	5.043	3.045	1.054	0.000
26	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-6kg/cm2/psi	BOTTOM	PG-01	026	B	0.000	1.034	3.028	5.031	6.037		6.037	5.030	3.028	1.033	0.000
27	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-6kg/cm2/psi	BOTTOM	PG-01	027	B	0.000	1.028	3.034	5.036	6.044		6.044	5.035	3.034	1.022	0.000
28	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-6kg/cm2/psi	BOTTOM	PG-01	028	B	0.000	1.019	3.022	5.028	6.038		6.038	5.027	3.022	1.019	0.000
29	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-6kg/cm2/psi	BOTTOM	PG-01	029	B	0.000	1.022	3.025	5.022	6.024		6.024	5.020	3.022	1.020	0.000
30	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-6kg/cm2/psi	BOTTOM	PG-01	030	B	0.000	1.045	3.047	5.051	6.055		6.055	5.049	3.047	1.043	0.000

Result : The accuracy found to be within ± 1.0% of F.S.D.
A : Master Gauge
B : Gauge Under Calibration
Note : The readings mentioned against "A" (Master Gauge) are fixed for instruments under Calibration (B)
However the actual readings mentioned against "B" are read in Master Instruments due to Higher resolution.

Tested By 李思緯 **Checked By** 王筱卿 **Approved By** 李泰雄

案號:02

MAI SHIH INSTRUMENT CO.,LTD
(DIV. 100% E.O.U)

CALIBRATION REPORT

Certificate No. : P05072501
WORK ORDER NO: F-056(05.06)

Sr. No.	Product Code	Connection	Range	Mounting	Tag. No.	Instrument No.	A B	Instrument Reading											
								UP						DOWN					
						543550	**A**	**0.0**	**2.0**	**4.0**	**6.0**	**8.0**	**10.0**	**10.0**	**8.0**	**6.0**	**4.0**	**2.0**	**0.0**
1	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-10kg/cm2/psi	BOTTOM	-----	01	B	0.000	1.954	3.978	6.002	8.023	10.012	10.012	8.023	5.996	3.978	1.956	0.000
2	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-10kg/cm2/psi	BOTTOM	-----	02	B	0.000	2.048	4.038	6.043	8.035	10.046	10.046	8.035	6.043	4.038	2.048	0.000
3	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-10kg/cm2/psi	BOTTOM	-----	03	B	0.000	2.020	4.018	6.015	8.017	10..022	10..022	8.017	6.012	4.018	2.020	0.000
4	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-10kg/cm2/psi	BOTTOM	-----	04	B	0.000	2.002	4.009	6.028	8.033	10.030	10.030	8.030	6.024	4.009	2.000	0.000
5	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-10kg/cm2/psi	BOTTOM	-----	05	B	0.000	2.009	4.015	6.029	8.046	10.056	10.056	8.046	6.029	4.018	2.009	0.000
6	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-10kg/cm2/psi	BOTTOM	-----	06	B	0.000	2.069	4.076	6.070	8.062	10.061	10.061	8.059	6.070	4.076	2.069	0.000
7	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-10kg/cm2/psi	BOTTOM	-----	07	B	0.000	2.046	4.057	6.055	8.059	10.048	10.048	8.056	6.051	4.057	2.038	0.000
8	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-10kg/cm2/psi	BOTTOM	-----	08	B	0.000	1.994	3.997	6.009	8.021	10.034	10.034	8.020	6.009	3.997	1.994	0.000
9	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-10kg/cm2/psi	BOTTOM	-----	09	B	0.000	2.046	4.056	6.052	8.045	10.062	10.062	8.045	6.052	4.068	2.046	0.000
10	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-10kg/cm2/psi	BOTTOM	-----	010	B	0.000	2.001	4.015	6.031	8.032	10.044	10.044	8.032	6.029	4.015	1.994	0.000
11	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-10kg/cm2/psi	BOTTOM	-----	011	B	0.000	2.086	4.080	6.062	8.076	10.081	10.081	8.076	6.062	4.080	2.086	0.000
12	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-10kg/cm2/psi	BOTTOM	-----	012	B	0.000	2.032	4.046	6.055	8.062	10.059	10.059	8.054	6.054	4.046	2.032	0.000
13	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-10kg/cm2/psi	BOTTOM	-----	013	B	0.000	2.020	4.024	6.033	8.039	10.048	10.048	8.032	6.033	4.024	2.020	0.000
14	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-10kg/cm2/psi	BOTTOM	-----	014	B	0.000	2.067	4.072	6.080	8.079	10.088	10.088	8.079	6.079	4.072	2.060	0.000
15	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-10kg/cm2/psi	BOTTOM	-----	015	B	0.000	2.001	4.008	6.028	8.035	10.057	10.057	8.031	6.028	4.008	2.001	0.000
16	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-10kg/cm2/psi	BOTTOM	-----	016	B	0.000	1.986	3.994	6.005	8.018	10.011	10.011	8.018	6.005	3.992	1.986	0.000
17	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-10kg/cm2/psi	BOTTOM	-----	017	B	0.000	2.079	4.085	6.066	8.072	10.066	10.066	8.070	6.066	4.085	2.078	0.000
18	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-10kg/cm2/psi	BOTTOM	-----	018	B	0.000	2.064	4.067	6.058	8.051	10.059	10.059	8.051	6.058	4.067	2.064	0.000
19	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-10kg/cm2/psi	BOTTOM	-----	019	B	0.000	2.012	4.022	6.020	8.036	10.029	10.029	8.035	6.017	4.018	2.012	0.000
20	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-10kg/cm2/psi	BOTTOM	-----	020	B	0.000	2.031	4.036	6.054	8.059	10.055	10.055	8.059	6.054	4.036	2.029	0.000
21	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-10kg/cm2/psi	BOTTOM	-----	021	B	0.000	2.056	4.063	6.079	8.070	10.079	10.079	8.070	6.078	4.063	2.056	0.000
22	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-10kg/cm2/psi	BOTTOM	-----	022	B	0.000	2.041	4.061	6.052	8.063	10.073	10.073	8.060	6.052	4.058	2.041	0.000
23	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-10kg/cm2/psi	BOTTOM	-----	023	B	0.000	2.067	4.055	6.040	8.055	10.072	10.072	8.055	6.040	4.055	2.066	0.000
24	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-10kg/cm2/psi	BOTTOM	-----	024	B	0.000	2.011	4.021	6.033	8.028	10.017	10.017	8.028	6.030	4.021	2.009	0.000
25	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-10kg/cm2/psi	BOTTOM	-----	025	B	0.000	2.087	4.083	6.078	8.081	10.074	10.074	8.071	6.078	4.083	2.087	0.000
26	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-10kg/cm2/psi	BOTTOM	-----	026	B	0.000	2.001	4.008	6.028	8.035	10.057	10.057	8.031	6.028	4.008	2.001	0.000
27	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-10kg/cm2/psi	BOTTOM	-----	027	B	0.000	1.986	3.994	6.005	8.018	10.011	10.011	8.018	6.005	3.992	1.986	0.000
28	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-10kg/cm2/psi	BOTTOM	-----	028	B	0.000	2.046	4.056	6.052	8.045	10.062	10.062	8.045	6.052	4.068	2.046	0.000
29	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-10kg/cm2/psi	BOTTOM	-----	029	B	0.000	2.001	4.015	6.031	8.032	10.044	10.044	8.032	6.029	4.015	1.994	0.000
30	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-10kg/cm2/psi	BOTTOM	-----	030	B	0.000	2.086	4.080	6.062	8.076	10.081	10.081	8.076	6.062	4.080	2.086	0.000

Result : The accuracy found to be within ± 1.0% of F.S.D.
A : Master Gauge
B : Gauge Under Calibration
Note : The readings mentioned against "A" (Master Gauge) are fixed for instruments under Calibration (B)
However the actual readings mentioned against "B" are read in Master Instruments due to Higher resolution.

Tested By 李思緯 **Checked By** 王筱卿 **Approved By** 李泰雄

案號:03

MAI SHIH INSTRUMENT CO.,LTD
(DIV. 100% E.O.U)

CALIBRATION REPORT

Certificate No. : P05072501
WORK ORDER NO: F-056(05.06)

Sr. No.	Product Code	Connection	Range	Mounting	Tag. No.	Instrument No.	A B	Instrument Reading											
								UP						DOWN					
						543512	**A**	**0.0**	**4.0**	**8.0**	**12.0**	**16.0**	**20.0**	**20.0**	**16.0**	**12.0**	**8.0**	**4.0**	**0.0**
1	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-20kg/cm2/psi	BOTTOM	-----	01	B	0.000	4.096	8.106	12.109	16.115	20.128	20.128	16.113	12.012	8.101	4.094	0.000
2	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-20kg/cm2/psi	BOTTOM	-----	02	B	0.000	4.120	8.128	12.130	16.128	20.140	20.140	16.120	12.129	8.122	4.114	0.000
3	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-20kg/cm2/psi	BOTTOM	-----	03	B	0.000	4.007	8.012	12.018	16.029	20.058	20.058	16.019	12.014	8.011	4.002	0.000
4	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-20kg/cm2/psi	BOTTOM	-----	04	B	0.000	4.130	8.137	12.138	16.140	20.149	20.149	16.137	12.137	8.132	4.128	0.000
5	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-20kg/cm2/psi	BOTTOM	-----	05	B	0.000	4.007	8.012	12.010	16.019	20.012	20.012	16.008	12.009	8.008	4.001	0.000
6	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-20kg/cm2/psi	BOTTOM	-----	06	B	0.000	4.009	8.016	12.018	16.012	20.028	20.028	16.005	12.014	8.011	4.000	0.000
7	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-20kg/cm2/psi	BOTTOM	-----	07	B	0.000	4.096	8.106	12.109	16.115	20.128	20.128	16.113	12.012	8.101	4.094	0.000
8	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-20kg/cm2/psi	BOTTOM	-----	08	B	0.000	4.120	8.128	12.130	16.128	20.140	20.140	16.120	12.129	8.122	4.114	0.000
9	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-20kg/cm2/psi	BOTTOM	-----	09	B	0.000	4.007	8.012	12.018	16.029	20.058	20.058	16.019	12.014	8.011	4.002	0.000
10	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-20kg/cm2/psi	BOTTOM	-----	10	B	0.000	4.130	8.137	12.138	16.140	20.149	20.149	16.137	12.137	8.132	4.128	0.000
11	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-20kg/cm2/psi	BOTTOM	-----	11	B	0.000	4.007	8.012	12.010	16.019	20.012	20.012	16.008	12.009	8.008	4.001	0.000
12	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-20kg/cm2/psi	BOTTOM	-----	12	B	0.000	4.009	8.016	12.018	16.012	20.028	20.028	16.005	12.014	8.011	4.000	0.000
13	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-20kg/cm2/psi	BOTTOM	-----	13	B	0.000	4.096	8.106	12.109	16.115	20.128	20.128	16.113	12.012	8.101	4.094	0.000
14	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-20kg/cm2/psi	BOTTOM	-----	14	B	0.000	4.120	8.128	12.130	16.128	20.140	20.140	16.120	12.129	8.122	4.114	0.000
15	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-20kg/cm2/psi	BOTTOM	-----	15	B	0.000	4.007	8.012	12.018	16.029	20.058	20.058	16.019	12.014	8.011	4.002	0.000
16	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-20kg/cm2/psi	BOTTOM	-----	16	B	0.000	4.130	8.137	12.138	16.140	20.149	20.149	16.137	12.137	8.132	4.128	0.000
17	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-20kg/cm2/psi	BOTTOM	-----	17	B	0.000	4.007	8.012	12.010	16.019	20.012	20.012	16.008	12.009	8.008	4.001	0.000
18	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-20kg/cm2/psi	BOTTOM	-----	18	B	0.000	4.096	8.106	12.109	16.115	20.128	20.128	16.113	12.012	8.101	4.094	0.000
19	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-20kg/cm2/psi	BOTTOM	-----	19	B	0.000	4.120	8.128	12.130	16.128	20.140	20.140	16.120	12.129	8.122	4.114	0.000
20	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-20kg/cm2/psi	BOTTOM	-----	20	B	0.000	4.096	8.106	12.109	16.115	20.128	20.128	16.113	12.012	8.101	4.094	0.000
21	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-20kg/cm2/psi	BOTTOM	-----	21	B	0.000	4.120	8.128	12.130	16.128	20.140	20.140	16.120	12.129	8.122	4.114	0.000
22	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-20kg/cm2/psi	BOTTOM	-----	22	B	0.000	4.007	8.012	12.018	16.029	20.058	20.058	16.019	12.014	8.011	4.002	0.000
23	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-20kg/cm2/psi	BOTTOM	-----	23	B	0.000	4.130	8.137	12.138	16.140	20.149	20.149	16.137	12.137	8.132	4.128	0.000
24	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-20kg/cm2/psi	BOTTOM	-----	24	B	0.000	4.007	8.012	12.010	16.019	20.012	20.012	16.008	12.009	8.008	4.001	0.000
25	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-20kg/cm2/psi	BOTTOM	-----	25	B	0.000	4.009	8.016	12.018	16.012	20.028	20.028	16.005	12.014	8.011	4.000	0.000

Result : The accuracy found to be within ± 1.0% of F.S.D.

A : Master Gauge
B : Gauge Under Calibration
Note : The readings mentioned against "A" (Master Gauge) are fixed for instruments under Calibration (B)
However the actual readings mentioned against "B" are read in Master Instruments due to Higher resolution.

Tested By 李思緯 Checked By 王筱卿 Approved By 李泰雄

案號:04

MAI SHIH INSTRUMENT CO.,LTD
(DIV. 100% E.O.U)

CALIBRATION REPORT

Certificate No. : P05072501
WORK ORDER NO: F-056(05.06)

Sr. No.	Product Code	Connection	Range	Mounting	Instrument No.	A B	Instrument Reading UP						DOWN					
					543844	**A**	**0.0**	**5.0**	**10.0**	**15.0**	**20.0**	**25.0**	**25.0**	**20.0**	**15.0**	**10.0**	**5.0**	**0.0**
1	AL.G.2.4NM.RX.RQ	1/2"PT(M)	0 to 25 kg/cm2/psi	BOTTOM	01	B	0.000	5.069	10.076	15.068	20.062	25.061	25.061	20.059	15.070	10.076	5.069	0.000
2	AL.G.2.4NM.RX.RQ	1/2"PT(M)	0 to 25 kg/cm2/psi	BOTTOM	02	B	0.000	5.001	10.015	15.031	20.032	25.044	25.044	20.032	15.029	10.015	4.994	0.000
3	AL.G.2.4NM.RX.RQ	1/2"PT(M)	0 to 25 kg/cm2/psi	BOTTOM	03	B	0.000	5.012	10.021	15.020	20.036	25.029	25.029	20.035	15.017	10.018	5.012	0.000
4	AL.G.2.4NM.RX.RQ	1/2"PT(M)	0 to 25 kg/cm2/psi	BOTTOM	04	B	0.000	5.079	10.085	15.060	20.072	25.066	25.066	20.070	15.066	10.086	5.078	0.000
5	AL.G.2.4NM.RX.RQ	1/2"PT(M)	0 to 25 kg/cm2/psi	BOTTOM	05	B	0.000	5.064	10.067	15.068	20.051	25.059	25.059	20.051	15.058	10.067	5.064	0.000
6	AL.G.2.4NM.RX.RQ	1/2"PT(M)	0 to 25 kg/cm2/psi	BOTTOM	06	B	0.000	5.049	10.049	15.076	20.030	25.052	25.052	20.032	15.050	10.048	5.050	0.000
7	AL.G.2.4NM.RX.RQ	1/2"PT(M)	0 to 25 kg/cm2/psi	BOTTOM	07	B	0.000	5.034	10.031	15.084	20.009	25.045	25.045	20.013	15.042	10.029	5.036	0.000
8	AL.G.2.4NM.RX.RQ	1/2"PT(M)	0 to 25 kg/cm2/psi	BOTTOM	08	B	0.000	5.069	10.076	15.068	20.062	25.061	25.061	20.059	15.070	10.076	5.069	0.000
9	AL.G.2.4NM.RX.RQ	1/2"PT(M)	0 to 25 kg/cm2/psi	BOTTOM	09	B	0.000	5.001	10.015	15.031	20.032	25.044	25.044	20.032	15.029	10.015	4.994	0.000
10	AL.G.2.4NM.RX.RQ	1/2"PT(M)	0 to 25 kg/cm2/psi	BOTTOM	10	B	0.000	5.012	10.021	15.020	20.036	25.029	25.029	20.035	15.017	10.018	5.012	0.000
11	AL.G.2.4NM.RX.RQ	1/2"PT(M)	0 to 25 kg/cm2/psi	BOTTOM	11	B	0.000	5.023	10.027	15.009	20.040	25.014	25.014	20.038	15.005	10.021	5.030	0.000
12	AL.G.2.4NM.RX.RQ	1/2"PT(M)	0 to 25 kg/cm2/psi	BOTTOM	12	B	0.000	5.079	10.085	15.060	20.072	25.066	25.066	20.070	15.066	10.086	5.078	0.000
13	AL.G.2.4NM.RX.RQ	1/2"PT(M)	0 to 25 kg/cm2/psi	BOTTOM	13	B	0.000	5.012	10.021	15.020	20.036	25.029	25.029	20.035	15.017	10.018	5.012	0.000
14	AL.G.2.4NM.RX.RQ	1/2"PT(M)	0 to 25 kg/cm2/psi	BOTTOM	14	B	0.000	5.001	10.015	15.031	20.032	25.044	25.044	20.032	15.029	10.015	4.994	0.000
15	AL.G.2.4NM.RX.RQ	1/2"PT(M)	0 to 25 kg/cm2/psi	BOTTOM	15	B	0.000	5.012	10.021	15.020	20.036	25.029	25.029	20.035	15.017	10.018	5.012	0.000
16	AL.G.2.4NM.RX.RQ	1/2"PT(M)	0 to 25 kg/cm2/psi	BOTTOM	16	B	0.000	5.023	10.027	15.009	20.040	25.014	25.014	20.038	15.005	10.021	5.030	0.000
17	AL.G.2.4NM.RX.RQ	1/2"PT(M)	0 to 25 kg/cm2/psi	BOTTOM	17	B	0.000	5.034	10.033	14.998	20.044	24.999	24.999	20.041	14.993	10.024	5.048	0.000
18	AL.G.2.4NM.RX.RQ	1/2"PT(M)	0 to 25 kg/cm2/psi	BOTTOM	18	B	0.000	5.045	10.039	14.987	20.048	24.984	24.984	20.044	14.981	10.027	5.066	0.000
19	AL.G.2.4NM.RX.RQ	1/2"PT(M)	0 to 25 kg/cm2/psi	BOTTOM	19	B	0.000	5.069	10.076	15.068	20.062	25.061	25.061	20.059	15.070	10.076	5.069	0.000
20	AL.G.2.4NM.RX.RQ	1/2"PT(M)	0 to 25 kg/cm2/psi	BOTTOM	20	B	0.000	5.069	10.076	15.068	20.062	25.061	25.061	20.059	15.070	10.076	5.069	0.000
21	AL.G.2.4NM.RX.RQ	1/2"PT(M)	0 to 25 kg/cm2/psi	BOTTOM	21	B	0.000	5.001	10.015	15.031	20.032	25.044	25.044	20.032	15.029	10.015	4.994	0.000
22	AL.G.2.4NM.RX.RQ	1/2"PT(M)	0 to 25 kg/cm2/psi	BOTTOM	22	B	0.000	5.012	10.021	15.020	20.036	25.029	25.029	20.035	15.017	10.018	5.012	0.000
23	AL.G.2.4NM.RX.RQ	1/2"PT(M)	0 to 25 kg/cm2/psi	BOTTOM	23	B	0.000	5.034	10.031	15.084	20.009	25.045	25.045	20.013	15.042	10.029	5.036	0.000
24	AL.G.2.4NM.RX.RQ	1/2"PT(M)	0 to 25 kg/cm2/psi	BOTTOM	24	B	0.000	5.069	10.076	15.068	20.062	25.061	25.061	20.059	15.070	10.076	5.069	0.000
25	AL.G.2.4NM.RX.RQ	1/2"PT(M)	0 to 25 kg/cm2/psi	BOTTOM	25	B	0.000	5.001	10.015	15.031	20.032	25.044	25.044	20.032	15.029	10.015	4.994	0.000
26	AL.G.2.4NM.RX.RQ	1/2"PT(M)	0 to 25 kg/cm2/psi	BOTTOM	26	B	0.000	5.012	10.021	15.020	20.036	25.029	25.029	20.035	15.017	10.018	5.012	0.000
27	AL.G.2.4NM.RX.RQ	1/2"PT(M)	0 to 25 kg/cm2/psi	BOTTOM	27	B	0.000	5.023	10.027	15.009	20.040	25.014	25.014	20.038	15.005	10.021	5.030	0.000
28	AL.G.2.4NM.RX.RQ	1/2"PT(M)	0 to 25 kg/cm2/psi	BOTTOM	28	B	0.000	5.034	10.033	14.998	20.044	24.999	24.999	20.041	14.993	10.024	5.048	0.000
29	AL.G.2.4NM.RX.RQ	1/2"PT(M)	0 to 25 kg/cm2/psi	BOTTOM	29	B	0.000	5.069	10.076	15.068	20.062	25.061	25.061	20.059	15.070	10.076	5.069	0.000
30	AL.G.2.4NM.RX.RQ	1/2"PT(M)	0 to 25 kg/cm2/psi	BOTTOM	30	B	0.000	5.001	10.015	15.031	20.032	25.044	25.044	20.032	15.029	10.015	4.994	0.000

Result : The accuracy found to be within ± 1.0% of F.S.D.
A : Master Gauge
B : Gauge Under Calibration
Note : The readings mentioned against "A" (Master Gauge) are fixed for instruments under Calibration (B)
However the actual readings mentioned against "B" are read in Master Instruments due to Higher resolution.

Tested By 李思緯　　王筱卿　　**Approved By** 李泰雄

案號:05

MAI SHIH INSTRUMENT CO.,LTD
(DIV. 100% E.O.U)

CALIBRATION REPORT

Certificate No. : P05072501
WORK ORDER NO: F-056(05.06)

Sr. No.	Product Code	Connection	Range	Mounting	Tag. No.	Instrument No.	A B	Instrument Reading UP						Instrument Reading DOWN				
						543550	**A**	**0.0**	**1.0**	**3.0**	**5.0**	**6.0**		**6.0**	**5.0**	**3.0**	**1.0**	**0.0**
1	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-6kg/cm2/psi	BOTTOM	PG-01	001	B	0.000	1.036	3.026	5.028	6.032		6.032	5.026	3.025	1.036	0.000
2	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-6kg/cm2/psi	BOTTOM	PG-01	002	B	0.000	1.011	3.016	5.022	6.028		6.028	5.021	3.016	1.011	0.000
3	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-6kg/cm2/psi	BOTTOM	PG-01	003	B	0.000	1.022	3.018	5.023	6.016		6.016	5.022	3.016	1.021	0.000
4	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-6kg/cm2/psi	BOTTOM	PG-01	004	B	0.000	1.011	3.017	5.020	6.028		6.028	5.019	3.015	1.009	0.000
5	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-6kg/cm2/psi	BOTTOM	PG-01	005	B	0.000	1.023	3.029	5.033	6.034		6.034	5.032	3.028	1.023	0.000
6	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-6kg/cm2/psi	BOTTOM	PG-01	006	B	0.000	1.056	3.050	5.045	6.049		6.049	5.042	3.050	1.055	0.000
7	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-6kg/cm2/psi	BOTTOM	PG-01	007	B	0.000	1.054	3.046	5.044	6.052		6.052	5.043	3.045	1.054	0.000
8	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-6kg/cm2/psi	BOTTOM	PG-01	008	B	0.000	1.034	3.028	5.031	6.037		6.037	5.030	3.028	1.033	0.000
9	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-6kg/cm2/psi	BOTTOM	PG-01	009	B	0.000	1.028	3.034	5.036	6.044		6.044	5.035	3.034	1.022	0.000
10	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-6kg/cm2/psi	BOTTOM	PG-01	010	B	0.000	1.019	3.022	5.028	6.038		6.038	5.027	3.022	1.019	0.000
11	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-6kg/cm2/psi	BOTTOM	PG-01	011	B	0.000	1.033	3.036	5.038	6.037		6.037	5.036	3.035	1.033	0.000
12	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-6kg/cm2/psi	BOTTOM	PG-01	012	B	0.000	1.011	3.017	5.020	6.028		6.028	5.019	3.015	1.009	0.000
13	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-6kg/cm2/psi	BOTTOM	PG-01	013	B	0.000	1.023	3.029	5.033	6.034		6.034	5.032	3.028	1.023	0.000
14	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-6kg/cm2/psi	BOTTOM	PG-01	014	B	0.000	1.045	3.047	5.051	6.055		6.055	5.049	3.047	1.043	0.000
15	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-6kg/cm2/psi	BOTTOM	PG-01	015	B	0.000	1.036	3.026	5.028	6.032		6.032	5.026	3.025	1.036	0.000
16	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-6kg/cm2/psi	BOTTOM	PG-01	016	B	0.000	1.042	3.040	5.036	6.045		6.045	5.034	3.039	1.040	0.000
17	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-6kg/cm2/psi	BOTTOM	PG-01	017	B	0.000	1.033	3.040	5.033	6.038		6.038	5.033	3.038	1.033	0.000
18	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-6kg/cm2/psi	BOTTOM	PG-01	018	B	0.000	1.001	3.012	5.020	6.022		6.022	5.020	3.010	1.001	0.000
19	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-6kg/cm2/psi	BOTTOM	PG-01	019	B	0.000	1.056	3.050	5.055	6.058		6.058	5.054	3.048	1.055	0.000
20	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-6kg/cm2/psi	BOTTOM	PG-01	020	B	0.000	1.041	3.043	5.040	6.044		6.044	5.040	3.041	1.040	0.000
21	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-6kg/cm2/psi	BOTTOM	PG-01	021	B	0.000	1.033	3.036	5.038	6.037		6.037	5.036	3.035	1.033	0.000
22	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-6kg/cm2/psi	BOTTOM	PG-01	022	B	0.000	1.011	3.017	5.020	6.028		6.028	5.019	3.015	1.009	0.000
23	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-6kg/cm2/psi	BOTTOM	PG-01	023	B	0.000	1.023	3.029	5.033	6.034		6.034	5.032	3.028	1.023	0.000
24	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-6kg/cm2/psi	BOTTOM	PG-01	024	B	0.000	1.056	3.050	5.045	6.049		6.049	5.042	3.050	1.055	0.000
25	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-6kg/cm2/psi	BOTTOM	PG-01	025	B	0.000	1.054	3.046	5.044	6.052		6.052	5.043	3.045	1.054	0.000
26	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-6kg/cm2/psi	BOTTOM	PG-01	026	B	0.000	1.034	3.028	5.031	6.037		6.037	5.030	3.028	1.033	0.000
27	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-6kg/cm2/psi	BOTTOM	PG-01	027	B	0.000	1.028	3.034	5.036	6.044		6.044	5.035	3.034	1.022	0.000
28	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-6kg/cm2/psi	BOTTOM	PG-01	028	B	0.000	1.019	3.022	5.028	6.038		6.038	5.027	3.022	1.019	0.000
29	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-6kg/cm2/psi	BOTTOM	PG-01	029	B	0.000	1.022	3.025	5.022	6.024		6.024	5.020	3.022	1.020	0.000
30	AL.G.2.4NM.RX.RQ	1/2"NPT(M)	0-6kg/cm2/psi	BOTTOM	PG-01	030	B	0.000	1.045	3.047	5.051	6.055		6.055	5.049	3.047	1.043	0.000

Result : The accuracy found to be within ± 1.0% of F.S.D.
A : Master Gauge
B : Gauge Under Calibration
Note : The readings mentioned against "A" (Master Gauge) are fixed for instruments under Calibration (B)
However the actual readings mentioned against "B" are read in Master Instruments due to Higher resolution.

Tested By 李 思 緯 **Checked By** 王 筱 卿 **Approved By** 李 泰 雄