



財團法人全國認證基金會  
Taiwan Accreditation Foundation

## Certificate of Accreditation

(Certificate No: L3282-260601)

This is to certify that

**Gong-Hung Technology Co., Ltd.**

**GCH Technology Calibration Laboratory (Hardness)**

No.1, Ln.36, Wenfeng St., Fengshan dist., Kaohsiung City 830, Taiwan (R.O.C.)

**is accredited in respect of laboratory**

**Accreditation Criteria** : ISO/IEC 17025: 2017; CNS 17025: 2018

**Accreditation Number** : 3282

**Originally Accredited** : January 19, 2017

**Effective Period** : June 01, 2026 to May 31, 2029

**Accredited Scope** : Calibration Field, see described in the Appendix



Scan to verify

*Yi-Ling Chen*

Yi-Ling Chen  
President, Taiwan Accreditation Foundation  
June 01, 2026

Accreditation Number : 3282

Laboratory Head : HUNG, Chuan-Hsi

## Mass/Force

calibration items	working standard	calibration method	measurand level or range				measurement conditions /independent variable	smallest uncertainty	
	brand /model	document name /no.	minimum value	units	maximum value	units	explanation	value	units
KC5001 Brinell Hardness Block	Brinell Hardness Block: SUN-TEC/HBW video measurement system: Hexagon /Optiv Advance 862	In-house method: Calibration Procedure for Brinell Hardness Block (Document No.: GCH-SCP-H05)	81.3	HBW	184	HBW	HBW (10 mm/1000 kgf (9807 N) )	3.2	HBW
			146	HBW	401	HBW	HBW (10 mm/3000 kgf (29420 N) )	7.6	HBW
Approval Signatory: HUNG, Chuan-Hsi; CHEN, Chih-Chuan									
KC5001 Rockell Hardness Test Block	Rockell Hardness Standard Block ASAHI/HRC, HRBW	ASTM E18 In-house method: Calibration Procedure for Rockell Hardness Test Block (Document No.: GCH-SCP-H01)	20	HRC	65	HRC		0.96	HRC
			50	HRBW	100	HRBW		1.6	HRBW
Approval Signatory: HUNG, Chuan-Hsi; CHEN, Chih-Chuan									



calibration items	working standard brand /model	calibration method document name /no.	measurand level or range				measurement conditions /independent variable explanation	smallest uncertainty	
			minimum value	units	maximum value	units		value	units
KC5002 Brinell Hardness Tester (on-site calibration included)	Load Cell: PROTEST/PST-A Brinell Hardness Block: SUN-TEC/HBW video measurement system: Hexagon/Optiv Advance 862	In-house method: Calibration Procedure for Brinell Hardness Tester (on-site calibration included) (Document No.: GCH-SCP-H06)	81.3	HBW	184	HBW	HBW (10 mm/1000 kgf (9807 N))	3.3	HBW
			146	HBW	401	HBW	HBW (10 mm/3000 kgf (29420 N))	8.5	HBW
			4904 (500)	N (kgf)	29420 (3000)	N (kgf)	Load	80 (8.1)	N (kgf)
Approval Signatory: HUNG, Chuan-Hsi; CHEN, Chih-Chuan									
KC5002 Rockwell Hardness Tester (On-site Calibration Included)	Rockwell Hardness Standard Block: ASAHI/HRA, HRBW, HRC, Kuang/HR30TW, HR30N Force sensor JIHSENSE/LRM-200	In-house method: Calibration Procedure for Rockwell Hardness Tester (On-site Calibration Included) (Document No.: GCH-SCP-H02)	55.75	HRA	85.60	HRA	Hardness	0.63	HRA
			45.70	HRBW	94.90	HRBW	Hardness	1.5	HRBW
			20.10	HRC	69.85	HRC	Hardness	0.89	HRC
			45.00	HR30N	79.80	HR30N	Hardness	1.1	HR30 N
			50.30	HR30TW	75.60	HR30TW	Hardness	1.5	HR30TW
			29.4 (3)	N (kgf)	294 (30)	N (kgf)	Load	0.69 (0.07)	N (kgf)
			98 (10)	N (kgf)	1471 (150)	N (kgf)	Load	0.69 (0.07)	N (kgf)
Approval Signatory: HUNG, Chuan-Hsi; CHEN, Chih-Chuan									



calibration items	working standard brand /model	calibration method document name /no.	measurand level or range				measurement conditions /independent variable explanation	smallest uncertainty	
			minimum value	units	maximum value	units		value	units
KC5002 Vicker hardness tester (on-site calibration included)	Rockwell Hardness Standard Block: HB/180HV0.3, EURO/400HV, EURO/700HV Electronic blance: Furi/FEJ-300D Reference scale standard: ---/1 mm	In-house method: Calibration Procedure for Vicker hardness tester (on-site calibration included) (Document No.: GCH-SCP-H03)	180	HV	400	HV	Hardness HV0.3	21	HV
			>400	HV	700	HV	Hardness HV0.3	35	HV
			0.98 (100)	N (gf)	9.8 (1000)	N (gf)	Load	0.006 (0.6)	N (gf)
			0.01	mm	0.09	mm	scale	0.10	μm
Approval Signatory: HUNG, Chuan-Hsi; CHEN, Chih-Chuan									
KC5099 Shore Durometer	Force sensor JIHSENSE/LRM-5	In-house method: Calibration Procedure for Shore Durometer (Document No.: GCH-SCP-H04)	10	HA	90	HA	by means of a dynamometric device (133 to 745) gf ((1.3 to 7.3) N)	1.1	HA
			10	HD	90	HD	by means of a dynamometric device (454 to 4084) gf ((4.45 to 40.05) N)	0.4	HD
Approval Signatory: HUNG, Chuan-Hsi; CHEN, Chih-Chuan									

Note: Smallest uncertainty represents an expanded uncertainty using a coverage factor approximately 95 % level of confidence.  
(Null Below)

