



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

## Certificate of Accreditation

(Certificate No : L2771-230926)

This is to certify that

**CHUAN HONG PRECISION TOOL CO. MFG., LTD.**  
**Calibration Laboratory of Chuan Hong Precision Tool co. mfg., ltd.**  
No.19, Gongguan, Tianliao Dist., Kaohsiung City 823, Taiwan (R.O.C.)

**is accredited in respect of laboratory**

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

**Accreditation Number** : 2771

**Originally Accredited** : February 20, 2014

**Effective Period** : September 19, 2023 to September 18, 2026

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



Scan to verify

*Ching-Chang Lien*

Ching-Chang Lien  
President, Taiwan Accreditation Foundation  
September 26, 2023

Accreditation Number : 2771

Laboratory Head : WU, Ting-Yu

Length

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
KA1002 Plug Gauge	1.Block Gauge (MAHR/N-001) ; 2.Block Gauge (MAHR/N-002)	QET03	1	mm	100	mm	1.3	$\mu\text{m}$
Approval Signatory: WU, Kun-Yu; WU, Ting-Yu; YI, Jia-Qi								
KA1003 Ring Gauge	1.Ring Gauge (CHG/R-001) ; 2.Ring Gauge (CHG/R-002)	QET04	5	mm	100	mm	0.8	$\mu\text{m}$
Approval Signatory: WU, Kun-Yu; WU, Ting-Yu; YI, Jia-Qi								
KA1007 Taper Thread Screw Ring Gauge	1.Ring Gauge (CHG/R-001) ; 2.Ring Gauge (CHG/R-002)	QET07 (Reference to ASME B1.20.5)	5	mm	100	mm	2.8	$\mu\text{m}$
Approval Signatory: WU, Kun-Yu; WU, Ting-Yu; YI, Jia-Qi								
KA1007 Screw Thread Ring Gauge	1.Ring Gauge (CHG/R-001) ; 2.Ring Gauge (CHG/R-002)	QET05 (Reference to EURAMET cg-10)	5	mm	100	mm	2.7	$\mu\text{m}$
Approval Signatory: WU, Kun-Yu; WU, Ting-Yu; YI, Jia-Qi								



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
KA1008 Taper Thread Screw Plug Gauge	1.Ring Gauge (CHG/R-001) ; 2.Ring Gauge (CHG/R-002)	QET06 (Reference to ASME B1.20.5)	5	mm	100	mm	pitch diameter @ (thread angle: 60°, 55°)	2.7	µm
Approval Signatory: WU, Kun-Yu; WU, Ting-Yu; YI, Jia-Qi									
KA1008 Screw Thread Plug Gauge	1.Block Gauge (Mahr/N-001) ; 2.Block Gauge (Mahr/N-002)	QET02 (Reference to EURAMET cg-10) QET01 (Reference to EURAMET cg-10)	1	mm	100	mm	pitch diameter @ (thread angle: 60°, 55°, 29°, 30°, 7°/45°, 80°)	2.5	µm
			1	mm	100	mm	major diameter @ (thread angle: 60°, 55°, 29°, 30°, 7°/45°, 80°)	1.3	µm
Approval Signatory: WU, Kun-Yu; WU, Ting-Yu; YI, Jia-Qi									

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

