



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

Certificate of Accreditation

(Certificate No : L4228-240913)

This is to certify that

DRAGON STEEL CORPORATION

Length and Force Calibration Laboratory

No. 100, Longchang Rd., Longjing Dist., Taichung City 434205, Taiwan (R.O.C.)

is accredited in respect of laboratory

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

Accreditation Number : 4228

Originally Accredited : September 09, 2024

Effective Period : September 09, 2024 to September 08, 2027

Accredited Scope : Calibration Field, see described in the Appendix



Scan to verify

Yi-Ling Chen

Yi-Ling Chen
President, Taiwan Accreditation Foundation
September 13, 2024

Accreditation Number : 4228

Laboratory Head : LAI, Chen-Tai

Length

calibration items	working standard	calibration method	measurand level or range				measurement conditions /independent variable	smallest uncertainty	
			minimum value	units	maximum value	units		value	units
KA2003 Caliper (Digimatic) Caliper (Vernier)	Caliper checker /Mitutoyo /515-556	In-house method: Caliper calibration procedure (Document No.: HH-T213-C17)	0	mm	600	mm	outside diameter (Digimatic) (resolution: 0.01 mm)	0.02	mm
			0	mm	600	mm	inside diameter (Digimatic) (resolution: 0.01 mm)	0.02	mm
			0	mm	600	mm	outside diameter (Vernier) (resolution: 0.02 mm)	0.03	mm
			0	mm	600	mm	inside diameter (Vernier) (resolution: 0.02 mm)	0.03	mm
			0	mm	600	mm	outside diameter (Vernier) (resolution: 0.05 mm)	0.05	mm
			0	mm	600	mm	inside diameter (Vernier) (resolution: 0.05 mm)	0.05	mm
Approval Signatory: LEE, Rong-Bin; LAI, Chen-Tai									
KA2005 Outside Micrometer (Vernier) Outside Micrometer (Digital)	GAUGE BLOCK SET /Mitutoyo /516-946R-10	In-house method: OUTSIDE MICROMETER CALIBRATION PROCEDURE (Document No.: HH-T213-C18)	50	mm	75	mm	(Vernier) (resolution: 0.001 mm)	0.004	mm
			25	mm	50	mm	(Vernier) (resolution: 0.001 mm)	0.003	mm
			0	mm	25	mm	(Vernier) (resolution: 0.001 mm)	0.002	mm
			50	mm	75	mm	(Digital) (resolution: 0.001 mm)	0.004	mm
			25	mm	50	mm	(Digital) (resolution: 0.001 mm)	0.003	mm
			0	mm	25	mm	(Digital) (resolution: 0.001 mm)	0.002	mm
Approval Signatory: LEE, Rong-Bin; LAI, Chen-Tai									



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	value
KC2005 Material Testing Machine (on-site calibration included)	Load cell MINEBEA /U3S1-5T-NS /50 kN Tension Hung Ta/HT-8336 /600 kN Tension Hung Ta/HT-100T /2000 kN Tension	In-house method: Standard Practices for Force Verification of Testing Machines (Document No.: HH-T213-C01)		2.5	kN	50	kN	Tension	77	N
				50	kN	400	kN	Tension	0.65	kN
				400	kN	1200	kN	Tension	2.4	kN
			Approval Signatory: LEE, Rong-Bin; LAI, Chen-Tai							

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

