



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

## Certification Accreditation

(Certificate No : L3917-220221)

This is to certify that

**HI-FIVE PRODUCTS DEVELOPING CO., LTD.**

**Hi-Five Quality Calibration Laboratory**

No.236, Section 4, Yatan District, Daya District, Taichung, Taiwan 42854

**is accredited in respect of laboratory**

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

**Accreditation Number** : 3917

**Originally Accredited** : February 21, 2022

**Effective Period** : February 21, 2022 to February 20, 2025

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



Scan to verify

*Ching-Chang Lien*

Ching-Chang Lien  
President, Taiwan Accreditation Foundation  
February 21, 2022

Accreditation Number : 3917

Laboratory Head : MY, Hsiu-Ying

## 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
KC4001 Torque Wrench (Indicating type, Setting type)	NORBAR/50675. LOG (TWC 400)	Digital Torqkey Machine Standard Operation Procedure /L-W-01	20	N m	<40	N m	CW	1.0	%
			40	N m	<80	N m	CW	0.6	%
			80	N m	<160	N m	CW	0.5	%
			160	N m	<240	N m	CW	0.5	%
			240	N m	<320	N m	CW	0.4	%
			320	N m	400	N m	CW	0.4	%
			20	N m	<40	N m	CCW	1.4	%
			40	N m	<80	N m	CCW	0.8	%
			80	N m	<160	N m	CCW	0.6	%
			160	N m	<240	N m	CCW	0.5	%
			240	N m	<320	N m	CCW	0.4	%
			320	N m	400	N m	CCW	0.4	%
Approval Signatory: MY, Hsiu-Ying									



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
KC4001 Torque Wrench (Indicating type, Setting type)	NORBAR/50674. LOG (TWC 150)	Digital Torqkey Machine Standard Operation Procedure /L-W-01	10	N m	<15	N m	CW	1.6	%
			15	N m	<30	N m	CW	1.2	%
			30	N m	<60	N m	CW	0.8	%
			60	N m	<90	N m	CW	0.7	%
			90	N m	<120	N m	CW	0.6	%
			120	N m	150	N m	CW	0.6	%
			10	N m	<15	N m	CCW	1.8	%
			15	N m	<30	N m	CCW	1.2	%
			30	N m	<60	N m	CCW	0.8	%
			60	N m	<90	N m	CCW	0.7	%
			90	N m	<120	N m	CCW	0.6	%
			120	N m	150	N m	CCW	0.6	%
Approval Signatory: MY, Hsiu-Ying									

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

(Null Below)

