



Certificate No. : L3011-210726

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

Certificate of Accreditation

This is to certify that

**National Chung-Shan Institute of Science and Technology
Aeronautical Systems Research Division
Calibration Laboratory**

No.300-5, Ln.277, Xi' an St., Xitun Dist., Taichung City 407, Taiwan(R.O.C.)

is accredited in respect of laboratory

Accreditation Criteria : ISO/IEC 17025:2017 ; CNS 17025:2018
Accreditation Number : 3011
Originally Accredited : January 06, 2015
Effective Period : July 26, 2021 to July 25, 2024
Accredited Scope : Calibration Field, see described in the Appendix

Ching-Chang Lien
President, Taiwan Accreditation Foundation
Date : July 26, 2021



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Laboratory Head : SHIU, Neng-Juan

Pressure/Vacuum

calibration items	working standard	calibration method	measurand level or range				measurement conditions /independent variable	smallest uncertainty	
	brand /model	document name /no.	mini mum value	units	maxi mum value	units	explanation	value	units
KD1005 Pressure Transducer	1. Pressure calibration standard /EATON UPC 5000 /(0 to 500) psi 2. Pressure calibration standard /EATON UPC 5000 /(0 to 2000) psi	Pressure transducer calibration procedure (Document No.: CC -190-009)	0	kPa	689	kPa	Gauge Pressure	0.23	kPa
			(0)	(psi)	(100)	(psi)		(0.034)	(psi)
			696	kPa	1724	kPa	Gauge Pressure	0.64	kPa
			(101)	(psi)	(250)	(psi)		(0.093)	(psi)
			1731	kPa	3447	kPa	Gauge Pressure	1.4	kPa
			(251)	(psi)	(500)	(psi)		(0.21)	(psi)
3454	kPa	6895	kPa	Gauge Pressure	2.4	kPa			
(501)	(psi)	(1000)	(psi)		(0.35)	(psi)			
7	kPa	689	kPa	Absolute Pressure	0.26	kPa			
(1)	(psi)	(100)	(psi)		(0.038)	(psi)			
696	kPa	1724	kPa	Absolute Pressure	0.60	kPa			
(101)	(psi)	(250)	(psi)		(0.087)	(psi)			
Approval Signatory: SHIH, Duan-Cheng									

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

(Null Below)