Schedule

Issue date: 18 March 2025
Valid Until: -

NO: SAMM 1005

LABORATORY LOCATION/ CENTRAL OFFICE:	Ching Yi Laboratory, Ching Yi Precision 64-1, Jalan Kempas Indah 1/1 Taman Kempas Indah 81300 Johor Bahru Johor , 81300, JOHOR MALAYSIA
ACCREDITED SINCE :	18 MARCH 2025
FIELD(S) OF CALIBRATION:	PRESSURE TEMPERATURE AND RELATIVE HUMIDITY

This laboratory has demonstrated its technical competence to operate in accordance with MS ISO/IEC 17025:2017 (ISO/IEC 17025:2017).

This laboratory's fulfillment of the requirements of ISO/IEC 17025 means the laboratory meets both the technical competence requirements and management system requirements that are necessary for it to consistently deliver technically valid test results and calibrations. The management system requirements in ISO/IEC 17025 are written in language relevant to laboratory operations and operate generally in accordance with the principles of ISO 9001 (see Joint ISO-ILAC-IAF Communiqué dated April 2017).

*** The uncertainty covered by the CMC is expressed as the expanded uncertainty corresponding to a coverage probability of approximately 95 % and have a coverage factor of k=2 unless stated otherwise.**

CENTRAL LOCATION	Ching Yi Laboratory, Ching Yi Precision 64-1, Jalan Kempas Indah 1/1 Taman Kempas Indah 81300 Johor Bahru Johor , 81300, Johor
FIELD(S) OF CALIBRATION :	PRESSURE, HEAT & TEMPERATURE

SCOPE OF CALIBRATION : PRESSURE

Instrument Calibrated/Measurement Parameter	**Range**	**Calibration and Measurement Capability Expressed as an Uncertainty (±)***	**Remarks**
Pressure Measuring	-500Pa to +500Pa2Pa -500Pa to +500Pa	-500Pa to +500Pa	Calibration by
	None	None	
	Up to 600 bar	None	on 837-1:1998, BS
	None	None	
	None	None	

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SCOPE OF CALIBRATION : TEMPERATURE AND RELATIVE HUMIDITY

Instrument Calibrated/Measurement Parameter	Range	Calibration and Measurement Capability Expressed as an Uncertainty (±)*	Remarks
Data Logger	15°C to 35°CNone 15°C to 35°C	15°C to 35°C	reference to method ASTM
	15°C to 35°CNone 15°C to 35°C	15°C to 35°C	E644-11(2019)
	43 % rhNone 43 % rh	43 % rh	method BS 1339-3: 2004
	75 % rhNone 75 % rh	75 % rh	and ISO 483:2005
Device	-500Pa to +500PaNone -500Pa to +500Pa	-500Pa to +500Pa	comparison method
	-10000Pa to +10000Pa10Pa -10000Pa to +10000Pa	-10000Pa to +10000Pa	with reference to
	-10000Pa to +10000PaNone -10000Pa to +10000Pa	-10000Pa to +10000Pa	EURAMET Guide17
	None None	None None	
Thermo Hygrometer	Relative humidity at 25°CNone Relative humidity at 25°C	Relative humidity at 25°C	Comparison with
Thermometer	15°C to 35°C+0.7°C 15°C to 35°C	15°C to 35°C	Comparison with
	15°C to 35°CNone 15°C to 35°C	15°C to 35°C	Thermohygrometer
	None	None	Pt100 in liquid
	None	None	Pt100 in liquid
	None	None	Pt100 in Ice
Transmitter	15°C to 35°CNone 15°C to 35°C	15°C to 35°C	in temperature
	15°C to 35°CNone 15°C to 35°C	15°C to 35°C	chamber with
	33 % rhNone 33 % rh	33 % rh	Thermohygrometer in salt chamber
	33 % rhNone 33 % rh	33 % rh	with reference to