

Continuation of Calibration Report

Certificate No. : 19IT1113

Job No. : 621517-2

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Reference Standard Instruments :

Equipment	Model	Serial No.	Certification No.	Due Date
Data Acquisition/Switch Unit	34970A	MY41020602	170992	November 3, 2019
RTD PROBE	STS-100 B 901	539593-01	T-1710165	October 11, 2019
Humidity/Baro/Temp. Data Recorder	MHB-382SD	AI87691	18H2443	November 7, 2019

Traceability : This Certification is traceable to the International System of Unit maintained at : -

- National Institute of Metrology Thailand (NIMT), Through the reference Standard of IRC Technologies Co., Ltd.
- National Institute of Metrology Thailand (NIMT), Through the reference Standard of Technology Instruments Co., Ltd.
- National Institute of Metrology Thailand (NIMT), Through the reference Standard of Technology Promotion Association(Thai-Japan)

Calibration Method :

This instrument was calibrated by comparison with standard humidity and standard thermometer into chamber, according to calibration in-house method.

Result of Calibration : Without Adjustment

Function : Temperature Measurement

Range : 20 to 26 °C

Resolution : 0.1 °C

Standard Value (°C)	UUC* Reading (°C)	Error (°C)	Uncertainty of Measurement (+/- °C)
20.00	20.3	0.30	0.28
23.00	23.3	0.30	0.28
26.00	26.3	0.30	0.28

Function : Humidity Measurement

Range : 40 to 60 % RH

Resolution : 1 % RH

Standard Value (%RH)	UUC* Reading (%RH)	Error (%RH)	Uncertainty of Measurement (+/- %RH)
40.00	38	-2.0	2.9
50.00	48	-2.0	2.9
60.00	58	-2.0	2.9

UUC* = Unit Under Calibration



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