



ACCURATE TECHNOLOGY

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American National Standards Institute
Accreditation Calibration
ANSI Member : 264502
ISO / IEC 17025

CERTIFICATE OF CALIBRATION

CERTIFICATE NO. : AT 32495 - 19

SUBMITTED BY : REVMAX ENGINEERING SDN BHD
NO . 11 , 1 ST FLOOR
TAMAN SRI MAWAR
71000 , PORT DICKSON , NEGERI SEMBILAN .
DATE OF ISSUE : 16 DECEMBER 2019
PAGE : 1 OF 2

INSTRUMENT : MAGNETIC SURFACE TEMPERATURE GAUGE

BRAND : TOPFIELDS BORNEO SDN BHD

MODEL : TOPGAUGE S T G - 918

INSTRUMENT CONDITION WHEN RECEIVED

- GOOD PHYSICAL CONDITION

SERIAL NO : M S T - 201

RANGE : 0.0 °C to 120 °C

RESOLUTION : 2.0 °C

INSTRUMENT CONDITION WHEN RETURNED

- CALIBRATED AND TESTED SERVICEABLE
- NO ADJUSTMENT HAS DONE

CALIBRATION DATE : 16 DECEMBER 2019

RECOMMEND DUE DATE : 16 DECEMBER 2020

TEMPERATURE : 20.5 °C \pm 1.0 °C

RELATIVE HUMIDITY : 45 % \pm 5 % R.H.

METHOD OF CALIBRATION

AS GENERAL RECOMMENDED BY JAPAN INDUSTRIAL STANDARD (JIS) IN PROCEDURE JIS C 1602 - 2007

MASTER EQUIPMENTS USED

TEKTRONIC THERMO CALIBRATOR
THERMOCOUPLES WIRE

SERIAL NO

1701798
562048

DUE DATE

31 DECEMBER 2020
31 DECEMBER 2020

TRACEABILITY OF MASTER EQUIPMENTS

THE EQUIPMENT IS TRACEABLE TO ANSI / ASTM REPORT NO : B 77 - 14003 - 2020

RESULT OF CALIBRATION

AS PER GIVEN IN PAGES 2 OF THIS REPORT

MEASUREMENT UNCERTAINTY

THE UNCERTAINTY CALCULATION IS BASED ON THE ISO GUIDE TO THE EXPRESSION OF UNCERTAINTY MEASUREMENT

THE UNCERTAINTIES ARE FOR A CONFIDENCE PROBABILITY OF NOT LESS THAN 95 %

THE ATTACHED MEASUREMENT DATA INDICATED ALL THE TEST PERFORMED AT TIME OF CALIBRATION AND HAS FOUND THE INSTRUMENT TO BE WITHIN SPECIFICATIONS UNLESS OTHERWISE INDICATED . THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL , WITHOUT THE WRITTEN APPROVAL OF THE LABORATORY .



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CALIBRATION RESULTS

Testing Range = 10.0 °C to 100.0 °C

Nominal Value	Specified Limit		Measured Value	Deviation	Judgement
	Min	Max			
10.0 °C	5.0	to 15.0 °C	10.0 °C	0.00 °C	Acceptable
20.0 °C	15.0	to 25.0 °C	20.0 °C	0.00 °C	Acceptable
30.0 °C	25.0	to 35.0 °C	30.0 °C	0.00 °C	Acceptable
40.0 °C	35.0	to 45.0 °C	40.0 °C	0.00 °C	Acceptable
50.0 °C	45.0	to 55.0 °C	50.0 °C	0.00 °C	Acceptable
60.0 °C	55.0	to 65.0 °C	60.0 °C	0.00 °C	Acceptable
70.0 °C	65.0	to 75.0 °C	68.0 °C	- 2.00 °C	Acceptable
80.0 °C	75.0	to 85.0 °C	78.0 °C	- 2.00 °C	Acceptable
90.0 °C	85.0	to 95.0 °C	88.0 °C	- 2.00 °C	Acceptable
100.0 °C	95.0	to 105.0 °C	98.0 °C	- 2.00 °C	Acceptable

PERMISSIBLE VALUE	± 5.00 °C
MEASUREMENT UNCERTAINTY	± 1.00 °C

CALIBRATED BY

PONY MAH

CERTIFIED BY

ELISE SO



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