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CALIBRATION REPORT

Submitted By : **GES SINGAPORE PTE LTD**
28 Marsiling Lane
Singapore 739152

Instrument : Digital Process Indicator (**REF RTD**)
Manufacturer : Omega
Model Number : DP81R-SER-DC2
Serial Number : 09030136
Asset Number : W69/3013

Ambient Temperature : 20°C to 22°C
Relative Humidity : (47 to 54) % relative humidity

Date Calibrated (On Site) : 03-JAN-2020
Recommended Due Date : 03-JAN-2021

SGS Standard Measurement Laboratory certifies that the above-named unit-under-test has been calibrated under the environment conditions as stated above.

The calibration was carried out with reference to the following calibration and measurement standards which are Traceable to the international System of Units (SI) through National Metrology Institutes (NMC A*STAR, NIST and NPL).

Method of Calibration :

The method of calibration is based on the procedure **SMD-SOP-TEMP-002-G-Rev01**.
The calibration points are agreed and requested by customer.

Reference Standard(s) Used During Calibration :

<u>Standard Used</u>	<u>Model No.</u>	<u>Serial No.</u>	<u>Cal Due Date</u>
Air Bath	9142	A85124	-
Digital Thermometer with PRT Probe	1523	3240075	21-MAY-2020
	5615-6	991760	21-MAY-2020

Results of Calibration :

The results of calibration are given on the attached calibration data.

The expanded measurement uncertainties estimated at a level of confidence of approximately 95% with a coverage factor k=2.0 is **0.3°C**.

The temperature scale in use at this laboratory is the International Temperature Scale of 1990 (ITS 90).

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HARIKUMAR PILLAI
CALIBRATION OFFICER


20 Jan 2020


Approved By
LEO WALDO SANTOS REGIS
CALIBRATION EXECUTIVE

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Probe Check (System Calibration) Range : 15.0°C to 100.0°C x 0.1°C Resolution Immersion Depth: 150mm Type: RTD			Accuracy : $\pm 0.1^{\circ}\text{C}$
Applied Value (°C)	Indicated Value (°C)		Correction (°C)
	As Found	As Left	
15.0	15.0	Left as Found	0.0
30.0	30.0	Left as Found	0.0
60.0	59.9	Left as Found	+0.1
80.0	80.0	Left as Found	0.0
100.0	99.9	Left as Found	+0.1

REMARKS : The user should determine the suitability of the instrument for its intended use.

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