

Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

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Date of Issue: October 23, 2024

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REQUEST NUMBER	: By Contract	CUSTOMER DETAILS	
JOB NUMBER	: QC-YB-240001	Name	Halliburton Worldwide IRAQ (HPS)
CERTIFICATE NUMBER	: QC-YB-240001-14	Address	Western Burjesia, Oil Street, District Zubair-South Iraq

EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : **Temperature Gauge**
 Manufacturer : MURPHY SWICHGAGE
 Model : NA
 Serial Number : **CAL-TG-HPS006**
 Type : Analog
 Location : TPU (SAP # 10000745)
 Range : 60 to 140 °C
 Calibrated Range : 60 to 140 °C
 Resolution : 10 °C
 Tolerance : ± 2 °C
 As found : In Tolerance
 Calibration Date : October 23, 2024
Calibration Due : 22 October 2025
 Last Calibration Date : October 12, 2023



DEVIATION FROM STANDARD METHOD : None
REMARK (S) :

1. No adjustments were made prior to calibration.
2. No accessories were fitted.
3. Values were rounded in computation.

ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 22.0 ± 2°C Humidity : 15.0 ± 5 % RH Atm. Pressure : 1012.0 ± 10 hPa

CALIBRATION METHOD

The above equipment has been calibrated in accordance with BS EN13190
 The above instrument has been calibrated in increasing and decreasing temperature by using a Metrology well as the reference standard
 having traceability to Internationally recognised standards.

REFERENCE EQUIPMENT USED

DESCRIPTION	SERIAL NO.	MAKE / MODEL	CALIBRATION DATE	CALIBRATION DUE DATE
Metrology well	B85655	FLUKE / 9170	5-Aug-24	4-Aug-25

CALIBRATION TEST RESULTS

Measured Values on Unit Under Calibration (M)	Ref. Standard Values (A)	Deviation (D=M-A)	Tolerance Limit
°C	°C	°C	± °C
60	60.70	-0.70	2.0
80	80.90	-0.90	2.0
110	111.20	-1.20	2.0
140	141.30	-1.30	2.0

Calibration results were found to conform as per specified accuracy requirements. Above Instrument has **PASSED** its Calibration.

- The results are as found (no adjustment done).
 The results are post adjustment.

CALIBRATED BY  Abdulrahman Loay	REVIEWED & APPROVED BY LAB INCHARGE  LAB INCHARGE Asjad Rafiq	CLIENT
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