

Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

• Phone : +964 7810009138 • www.qualitycontrol-iraq.com • E-mail: op@qualitycontrol-iraq.com

Date of Issue: February 23, 2024

Page 1 of 1

REQUEST NUMBER	: By Contract	CUSTOMER DETAILS	
JOB NUMBER	: QC/JN/24/00147	Name	Halliburton Worldwide IRAQ (HPS)
CERTIFICATE NUMBER	: QC240223-18	Address	Western Burjesia, Oil Street, District Zubair-South Iraq

EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : **Temperature Gauge**
 Manufacturer : Murphy
 Model : NA
 Serial Number : **187**
 Type : Analog
 Location : Combo Unit # 04 (SAP # 11564853)
 Range : 0 to 70 °C
 Calibrated Range : 30 to 70 °C
 Resolution : 10 °C
 Tolerance : ± 2 °C
 As found : Good
 Calibration Date : February 23, 2024
Calibration Due : 22 February 2025
 Last Calibration Date : March 4, 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 : 44.0 ± 5 % RH Atm. Pressure : 1011.0 ± 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 pressure mode using a Digital Pressure Calibrator 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	15-Aug-23	14-Aug-24

CALIBRATION TEST RESULTS

Measured Values on Unit Under Calibration (M)	Ref. Standard Values (A)	Deviation (D=M-A)	Tolerance Limit
°C	°C	°C	± °C
30	30.50	-0.50	2.0
40	40.70	-0.70	2.0
50	50.80	-0.80	2.0
60	60.80	-0.80	2.0
70	71.20	-1.20	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  Mahdi Halim	REVIEWED & APPROVED BY LAB INCHARGE  LAB INCHARGE Asjad Rafiq	CLIENT
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