Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq
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REQUEST NUMBER	: By Contract	CUSTOMER DETAILS
JOB NUMBER	: QC/JN/24/00147	Name **Halliburton Worldwide IRAQ (HPS)**
CERTIFICATE NUMBER	: **QC240223-21**	Address Western Burjesia, Oil Street, District Zubair-South Iraq

EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description	: **Temperature Gauge**			
Manufacturer	: Murphy			
Model	: NA			
Serial Number	: **188**			
Type	: Analog			
Location	: Combo Unit # 04 (SAP # 11564853)			
Range	: 60	to	120 °C	
Calibrated Range	: 60	to	120 °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
60	59.50	0.50	2.0
80	79.40	0.60	2.0
100	99.20	0.80	2.0
110	108.80	1.20	2.0
120	118.70	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	REVIWED & APPROVED BY LAB INCHARGE	CLIENT
Mahdi Halim	LAB INCHARGE Asjad Rafiq	