

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: September 26, 2024

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REQUEST NUMBER : By Contract	CUSTOMER DETAILS
JOB NUMBER : QC/JN/24/00367	Name Halliburton Worldwide IRAQ (TSS)
CERTIFICATE NUMBER : QC240926-06	Address Western Burjesia, Oil Street, District Zubair-South Iraq

EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : **Temperature Sensor**
 Manufacturer : AKS Technonologies
 Model : P10029-178
 Serial Number : **1418128732**
 Type : Digital
 Range : 50 to 400 °F
 Calibrated Range : 50 to 400 °F
 Resolution : 0.01 °F
 Accuracy : NA
 Tolerance : ± 1.0 % of Full Scale
 As found : In Tolerance
 Calibration Date : September 26, 2024
Calibration Due : 25 September 2025
 Last Calibration Date : October 7, 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 Calibration Procedure QC/CP/R/08 Rev. 01
 The above instrument has been calibrated in increasing and decreasing Temperature using a Digital Temperature Dry Block as the reference standard.
 having traceability to Internationally recognised standards.

REFERENCE EQUIPMENT USED

DESCRIPTION	SERIAL #	MAKE / MODEL	CALIBRATION DATE	CALIBRATION DUE DATE
Metrology well	B85655	FLUKE / 9170	20 Nov, 2023	19 Nov, 2024

CALIBRATION TEST RESULTS

Measured Values on Unit Under Calibration (M)	Ref. Standard Values (A)	Deviation (D=M-A)	Tolerance Limit
°F	°F	°F	± °F
50	50.36	-0.36	-0.1
100	101.23	-1.23	-0.3
200	201.25	-1.25	-0.3
300	301.48	-1.48	-0.4
400	401.98	-1.98	-0.5

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  Hussein Alaa	REVIEWED & APPROVED BY LAB INCHARGE  LAB INCHARGE Asjad Rafiq	CLIENT
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