

Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

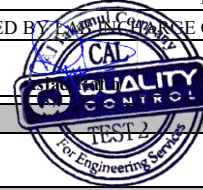
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Date of Issue: September 22, 2026

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REQUEST NUMBER : by mail
 JOB NUMBER : QC-CAL-26154
 CERTIFICATE NUMBER : QC-CAL-26154-13

APPROVED BY:  Hussein QC



CUSTOMER DETAILS

Name : Egyptian Maintenance Company(EMC) IRAQ
 Address : Iraq, Basra, North Rumaila

EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : Reference Recorder
 Manufacturer : Crystal Engineering
 Model : nVision
 Serial Number : 314847
 Type : Digital
 Pressure Range : 0 to 10000 psi
 Tolerance : ± 0.015 % of Full Scale
 Temperature Range : -20 to 50 °C
 Tolerance : ± 0.015 % of Full Scale
 Calibrated By : Hussein Alaa
 Calibration Date : September 22, 2026
Calibration Due : September 21, 2027



ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : $40.0 \pm 2^{\circ}\text{C}$ Humidity : $25.0 \pm 5\% \text{ RH}$ Atm. Pressure : $1011.0 \pm 10 \text{ hPa}$

CALIBRATION METHOD

This calibration was carried out in compliance with ISO/IEC 17025, 2017 & ISO 9001, 2015. The above instrument has been calibrated in increasing and decreasing pressure mode using a Digital Pressure as the reference standard having traceability to Internationally recognised standards. The Device is NIST Traceable.

REFERENCE EQUIPMENT USED

DESCRIPTION	SERIAL NO.	MAKE / MODEL	CALIBRATION DATE	CALIBRATION DUE DATE
Digital Pressure Gauge	468802	AMETEK / XP2i	November 3, 2025	November 2, 2026
Metrology Well	B85655	Fluke / 9170	November 3, 2025	November 2, 2026

CALIBRATION TEST RESULTS

Pressure Test Results

Measured Values on Unit Under Calibration (M)	Ref. Standard Values (A)	Deviation (D=M-A)	Error Percentage
psi	psi	psi	%
0	0	0	0.000
2500	2501.0	-1.00	-0.010
5000	5001.0	-1.00	-0.010
7500	7501.2	-1.20	-0.012
10000	10001.2	-1.20	-0.012

Temperature Test Results

Measured Values on Unit Under Calibration (M)	Ref. Standard Values (A)	Deviation (D=M-A)	Error Percentage
°C	°C	°C	%
0	0	0	0.000
-19.85	-19.86	0.006	0.012
0.677	0.68	-0.001	-0.002
25.80	25.80	-0.004	-0.008
50.005	50.00	0.005	0.010

Results:

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