

Calibration Certificate

Al Takamul Yard North Rumailah, Iraq

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Date of Issue: March 10, 2025

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REQUEST NUMBER : By Mail JOB NUMBER : QC-CAL-25092 CERTIFICATE NUMBER QC-CAL-25092-01	CUSTOMERS DETAILS Name : Halliburton Worldwide-Iraq Branch (Sperry) Address : Oil Street, Western Burjessia Basra South Iraq
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EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : Digital Force Gauge Type of Indication : Digital Manufacturer : Chatillon Force Measurement Model : DFX II Serial Number : W06483 SAP : 300075104 Calibrated Range: : 0 Kg to 4.536 Kg Resolution: : 0.005 Kg As Found : In Tolerance	Calibration Date : March 10, 2025 Calibration Due : March 9, 2026 Last Calibration : March 17, 2024
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ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 22 °C ± 2°C **Relative Humidity** : 30 %RH ± 5% RH

CALIBRATION METHOD

The above equipment has been calibrated in accordance with International Calibration Procedure # ASTM E74-13a

The deviations of the measurements obtained from UUC with respect to reference standards are determined to obtain the error.

REFERENCE EQUIPMENT USED :

DESCRIPTION	SERIAL / CODE #	MAKE	CALIBRATION DATE	DUE DATE
Standard Dead weights Set	8569473	China	20 Aug, 2024	19 Aug, 2025

CALIBRATION TEST RESULTS

Measurement Data For Force (Compression)



Readings on UUC	Readings on Ref. Standard	Error	Uncertainty (95 % C.L)
Kg	Kg	Kg	± Kg
0.000	0.000	0.000	0.001
0.500	0.500	0.000	0.002
1.000	1.000	0.000	0.002
2.000	2.000	0.000	0.001
3.000	3.000	0.000	0.002
4.000	4.000	0.000	0.001
4.505	4.500	0.005	0.001

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

The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with international practice.

DEVIATION FROM STANDARD METHOD : None

REMARK (S) :
 The results are as found (no adjustment done).
 The results are post adjustment.

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