Calibration Certificate

Al Takamul Yard North Rumailah, Iraq
●Phone : +964 7810009138 ● www.qualitycontrol-iraq.com ● E-mail: op@qualitycontrol-iraq.com

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REQUEST NUMBER	: By Mail	CUSTOMERS DETAILS	
JOB NUMBER	: QC/JN/24/00349	Name	: **Halliburton Worldwide-Iraq Branch (Sperry)**
CERTIFICATE NUMBER	**QC240911-04**	Address	: Oil Street, Western Burjessia Basra South Iraq

EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description	: Digital Force Gauge	Calibration Date	: September 11, 2024
Type of Indication	: Digital	Calibration Due	: September 10, 2025
Manufacturer	: Chatillon Force Measurement	Last Calibration	: September 5, 2023
Model	: DFX II		
Serial Number	: W08874		
SAP	: 300184481		
Calibrated Range:	: 0 Kg to 4.536 Kg		
Resolution:	: 0.005 Kg		
As Found	: In Tolerance		

ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 22 °C ± 2°C Relative Humidity : 45 %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
3.005	3.000	0.005	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
Hussein Alaa	LAB INCHARGE Asjad Rafiq	