

## Calibration Certificate

Al Takamul Yard North Rumailah, Iraq

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Date of Issue: May 11, 2024

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REQUEST NUMBER : By Email	APPROVED BY: [Signature]
JOB NUMBER : QC/JN/24/00216	CALIBRATION CHARGE QC
CERTIFICATE NUMBER : QC240511-01	



### CUSTOMER DETAILS

Name : **slb Basra**  
Address : North Rumaila Base south Iraq  
Department : Coil Tubing

### EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : Load Cell  
Manufacturer : NA  
Model : NA  
Asset No. : NA  
Serial Number : **1314764**



#### Calibrated Range:

Force : 0 K lbs to 40 K lbs

As Found : In Tolerance

Location : QC Labs North Rumailah

Calibrated By : Asjad Rafiq

Calibration Date : May 11, 2024

Calibration Due : Recommended Validity : one ( 1 ) year from the date of calibration, (Where Required) **May 10, 2025**

### 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.

### TRACEABILITY

The measurements made by Quality Control Labs, realize the physical units of measurements (SI), through its state of the art calibration standards that are controlled and maintained by QC.

**CERTIFICATE OF CALIBRATION**

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**REFERENCE EQUIPMENT USED :**

DESCRIPTION	MAKE	MODEL #	SERIAL #	CALIBRATION DATE	CALIBRATION DUE DATE
Load Cell	ZEMIC	BM14A-C3-40T	TA906164	November 2, 2023	November 1, 2024

**CALIBRATION TEST RESULTS**
**Measurement Data For Force**

Zero or Offset Readings of UUC

Before Adjustment	After Adjustment
K lbs	K lbs
0	0

Readings on UUC	Readings on Ref. Standard	Error	Uncertainty (95 % C.L)
K lbs	K lbs	K lbs	±K lbs
0	0.00	0.00	0
10	9.96	0.04	0.2
20	19.92	0.08	0.2
30	29.95	0.05	0.2
40	39.97	0.03	0.2

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.

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