

Calibration Certificate

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Date of Issue: September 22, 2024

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REQUEST NUMBER : By Mail	CLIENT DETAILS
JOB NUMBER : QC/JN/24/00362	Name Halliburton Worldwide Iraq (HCT)
CERTIFICATE NUMBER : QC240922-01	Address Burjesia Basra Iraq

EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : Dynamometer
 Type of Indication : Analog
 Manufacturer : DILLON
 Model : W-T 52169-0024 C
 Serial Number : D44347
 Calibrated Range : 0 LB to 5000 LB
 Resolution : 50 LB
 Accuracy : ± 0.5 %
 As found : In Tolerance
 Calibration Date : **September 22, 2024**
 Calibration Due : **September 21, 2025**
 Date of Last Inspection : **October 16, 2023**



ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 22.2 °C ± 2 °C
 Relative Humidity : 20 %RH ± 5 %RH

CALIBRATION METHOD

The above equipment has been calibrated in accordance with International Calibration Standard # BS EN ISO 7500-1:2015/ASTM E4-14
 The deviations of the measurements obtained from UUC with respect to reference standards are determined to obtain the error.

REFERENCE EQUIPMENT USED :

DESCRIPTION	MODEL #	SERIAL #	CALIBRATION DATE	DUE DATE
Universal Testing Machine ZPM	ZPM-5000-500	5584226	20-Aug-24	19-Aug-25

CALIBRATION TEST RESULTS

Measurement Data For Force (Compression)

Zero or Offset Readings of UUC

Readings on UUC	Readings on Ref. Standard	Error	Uncertainty (95 % C.L)
LB	LB	LB	± LB
1000	1005.00	-4.00	5
3000	3006.00	-6.00	5
4000	4008.00	-8.00	5
5000	5010.00	-11.00	5

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

DEVIATION FROM STANDARD METHOD : None

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

CALIBRATED BY  Tanveer Hussain	REVIWED & APPROVED BY LAB INCHARGE  LAB INCHARGE Asjad Rafiq	CLIENT
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