Calibration Certificate

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Date of Issue: July 14, 2025

REQUEST NUMBER	:	By Mail
JOB NUMBER	:	QC-CAL-25266
CERTIFICATE NUMBER	:	**QC-CAL-25266-22**

CUSTOMERS DETAILS

Name : **Halliburton Worldwide-Iraq Branch (HCT)**
Address : Oil Street, Western Burjessia Basra South Iraq

EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description	: **Torque Wrench**	Calibration Date	: July 14, 2025
Type of Indication	: Analog	Calibration Due	: **July 13, 2026**
Manufacturer	: CDI	Last Calibration	: NA
Model	: 1002MFIMHSS		
Serial Number	: **1221123408**		
Calibrated Range	: 4 to 120 IN-LB		
Resolution	: 2 IN-LB		
Tolerance	: ± 4 %		
As Found	: In Tolerance		

ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 29 °C ± 2°C Relative Humidity : 45 %RH ± 5% RH

CALIBRATION METHOD

The above equipment has been calibrated in accordance with International Calibration standard # ISO 6789-1:2017

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

REFERENCE EQUIPMENT USED :

DESCRIPTION	MAKE / MODEL	SERIAL #	CALIBRATION DATE	CALIBRATION DUE DATE
Torque Wrench Calibrator	Nobar / Pro Test 1500	90962	5 Nov, 2024	4 Nov, 2025

CALIBRATION TEST RESULTS

Measurement Data For Torque

Clockwise Measurements

Readings on UUC	Readings on Ref. Standard (Avg. of 5 Measurements)	Deviation	Error Percentage (Tolerance ±4%)	Uncertainty (95 % C.L)
IN-LB	IN-LB	IN-LB	%	± IN-LB
40.0	40.28	-0.28	-0.1	0.50
50.0	50.41	-0.41	-0.2	0.50
70.0	70.50	-0.50	-0.2	0.50
90.0	90.70	-0.70	-0.3	0.50
120.0	120.82	-0.82	-0.4	0.50

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 Rafi	