Calibration Certificate

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

Date of Issue: July 9, 2025

REQUEST NUMBER	:	By Mail
JOB NUMBER	:	QC-CAL-25257
CERTIFICATE NUMBER	:	**QC-CAL-25257-13**

CUSTOMERS DETAILS

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

EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description	: **Torque Wrench**	Calibration Date	: July 9, 2025
Type of Indication	: Analog	Calibration Due	: **July 8, 2026**
Manufacturer	: PROTO	Last Calibration	: NA
Model	: 6013C		
Serial Number	: **DPD21185**		
SAP No.	: 300115455		
Calibrated Range	: 50 to 250 LB.FT		
Resolution	: 0.5 LB.FT		
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)
LB.FT	LB.FT	LB.FT	%	±LB.FT
50.0	51.20	-1.20	-0.5	0.50
100.0	101.50	-1.50	-0.6	0.50
150.0	152.80	-2.80	-1.1	0.50
200.0	202.10	-2.10	-0.8	0.50
250.0	252.30	-2.30	-1.1	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	