

Calibration Certificate

Al Takamul Yard, North Rumailah Iraq

• Phone : +964 7810009138 • www.qualitycontrol-iraq • E-mail: op@qualitycontrol-iraq

Page 1 of 1

Date of Issue: November 14, 2024

REQUEST NUMBER :	By mail	APPROVED BY LAB IN CHARGE QC
JOB NUMBER :	QC-YB-0022	
CERTIFICATE NUMBER :	QC-YB-0022-04	

CUSTOMER DETAILS

Name : Egyptian Maintenance Company(EMC) IRAQ
Address : Iraq, Basra, North Rumaila

EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : Hydraulic Torque Wrench
Type of Indication : Analog
Manufacturer : Hi-Force
Model : TWS150N
Serial Number : BN 6016
Range : 0 psi to 8960 psi
Calibrated Range : 0 psi to 8960 psi
Maximum Pressure : 10000 psi
Calibrated By : Asjad Rafiq
Calibration Date : November 14, 2024
Calibration Due : November 13, 2025



ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 25 °C ± 0.2 °C
Relative Humidity : 41 %RH ± 0.3 %RH

CALIBRATION METHOD

The above equipment has been calibrated in accordance with International Calibration Procedure # IMEKO 22 TC3 :2014

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

REFERENCE EQUIPMENT USED :

DESCRIPTION	SERIAL NO.	MAKE / MODEL	CALIBRATION DATE	CALIBRATION DUE DATE
Digital Pressure Gauge	468802	AMETEK / XP2i	5 Nov, 2024	4 Nov, 2025

CALIBRATION TEST RESULTS

Working Pressure	Maximum Pressure	Test Pressure	Test Medium	Holding Time
psi	psi	psi		min
8960	10000	10000	Hydraulic Oil	15

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.

~ END OF DOCUMENT ~