

Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

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Date of Issue: September 20, 2024

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REQUEST NUMBER	: By Contract	CUSTOMER DETAILS	
JOB NUMBER	: QC/JN/24/00388	Name	Halliburton Worldwide IRAQ (WPS)
CERTIFICATE NUMBER	: QC240920-01	Address	Western Burjesia, Oil Street, District Zubair-South Iraq

Description : **WIRE TESTER (32CM OR 12.6 INCHES WIRELINE)**
 Manufacturer : ASEP Elmar
 ASEP Project : WO 000183
 Serial Number : 102682
 SAP No. : 11914620
 Indication Type : Analog
 Range : 0 to 4400 Lbs
 Calibrated Range : 0 to 4400 Lbs
 Resolution : 50 Lbs
 Tolerance : ± 5.0 %
 As found : In Tolerance
 Calibration Date : September 20, 2024
Calibration Due : 19 September 2025
 Last Calibration : NA



ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 22.0 ± 2°C Humidity : 15.0 ± 5 % RH Atm. Pressure 1013.0 ± 10 hPa

CALIBRATION METHOD

The above equipment has been calibrated in accordance with manufacturer Calibration Procedure MAN 06 SLICKLINE WIRETESTER OPERATING Rev0.doc
 The above instrument has been calibrated in increasing and decreasing Tension using a Tensile Load Cell as the reference standard
 having traceability to Internationally recognised standards.

REFERENCE EQUIPMENT USED

DESCRIPTION	SERIAL NO.	MAKE / MODEL	CALIBRATION DATE	CALIBRATION DUE DATE
Tensile Load Cell	468802	CAS /TMZ-5000lb	25 DEC, 2023	23 Dec, 2024

CALIBRATION TEST RESULTS

Measured Values on Unit Under Calibration (M)	Ref. Standard Values (A)	Deviation (D=M-A)	Error %
Lbs	Lbs	Lbs	%
0	0.00	0.00	0.0
500	502.3	-2.30	-0.5
1000	1003.5	-3.50	-0.4
2000	2005.8	-5.80	-0.3
3000	3009.2	-9.20	-0.3
4400	4413.5	-13.50	-0.3

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

- The results are as found (no adjustment done).
 The results are post adjustment.

CALIBRATED BY	REVIEWED & APPROVED BY	CLIENT
 Abdulrahman Loay	 LAB INCHARGE Asjad Rafiq	ALI Talib HB48903 Date: 20-09-2024 Signature  Haliburton