

1600 E. Murdock Wichita, KS 67214

For Maintenance or Recalibration call:
Phone: (866) 384-3010
Fax: (316) 686-3151



Hydraulic Torque Wrench

Calibration Report For:

Cameron - Vernal UT

519 E. 300 South
Vernal, UT 84078

Calibration Date:	28 Feb 2013
Calibration Number:	130228.23A.15
Temperature:	79.00°F
Humidity:	20.00% RH

Test Instrument Identification

Manufacturer:	TORCLITE	Model:	IU-7XL
Type:	Hydraulic wrench	Serial Number:	IU7CXL-1594

As Left T:P Ratio:	0.6473	Last T:P Ratio:	0.7200	% Deviation:	11.23%
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Pressure Setting (PSI)	Manufacturer Standards (FT-LB)	"As Found" Reading(s) [1] (FT-LB)	"As Left" Reading(s) [2] (FT-LB)	Low Limit -3% (FT-LB)	High Limit +3% (FT-LB)
1000	720	618	652	698	742
2000	1440	1236	1262	1397	1483
3000	2160	1866	1894	2095	2225
4000	2880	2514	2536	2794	2966
5000	3600	3190	3214	3492	3708
6000	4320	3872	3888	4190	4450
7000	5040	4526	4572	4889	5191
8000	5760	5176	5204	5587	5933
9000	6480	5830	5862	6286	6674
10000	7200	6484	6520	6984	7416

Remarks

This hydraulic wrench was tested at ten equal points based on the instrument's maximum pressure range. Readings were taken at those points before and after maintenance was performed (if applicable).

(1) "As Found" Data: OUT OF TOLERANCE

Test Instrument is not within manufacturer's standards or is not linear or predictable. See "As Left" remark below for recommended action.

(2) "As Left" Data: RESTRICTED WITH NEW CHART

Test Instrument is functioning properly within an acceptable deviation percentage of 5%, however it is necessary to use new operational chart provided with this calibration to maintain the instrument's accuracy.

Technician Comments:



Russ Stagner, Calibration Technician

Notes

- A. This accredited organization maintains both A2LA accreditation to ISO/IEC 17025 for the specific tests/calibrations listed in A2LA Certificate #3040.01, and ISO 6789.
- B. Environmental conditions were held within MobileCal's standards of 60 to 88 degrees Fahrenheit and below 90% relative humidity.
- C. Procedures for this calibration method are outlined in the MobileCal Quality Management Procedure Manual Version 3.0.
- D. All standards and associated equipment used to calibrate this instrument have been calibrated and are traceable to A2LA accreditation and the National Institute of Standards and Technology (NIST).
- E. Customer acknowledges and agrees that MobileCal's standard sales terms and conditions are incorporated herein by reference and made a part of this calibration report.
- F. This document relates only to the test instrument listed on this certificate and cannot be reproduced, except in full, without written approval of MobileCal.
- G. Calibration performed and valid for Clockwise Direction only.
- H. This calibration document is followed by a Calibration Schedule page.



Calibration Laboratory Location #4: Certification Schedule

COMPACITY	ITEM	S/N	MODEL	CAL DUE DATE
THERMOMETER	EXTECH	NONE	445703	2/18/2014
2,000 FTLB	AKO	4509	TSD2011	2/15/2014
20,000 FTLB	AKO	4510	TDS20011	2/15/2014
500 FTLB	AKO	4508	TDS5111	2/15/2014
50 FTLB	AKO	4507	TDS111/050	2/15/2014
10,000 PSI	DRUCK	3388040	DPI104	2/4/2014
5,000 PSI	DRUCK	287285	DPI104	2/4/2014
300 PSI	DRUCK	2875169	DPI104	2/4/2014
250 FTLB	CDI	1209006590	2503-F-MT	2/20/2014
600 FTLB	CDI	708580024	6004-F-MT	2/20/2014
1500 FTLB	CDI	1109012822	15005-F-MT	2/20/2014