

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:

Gardner Denver - Tulsa

4747 S. 83rd East Ave.
Tulsa, OK 74145

Calibration Date:	04 Apr 2011
Calibration Number:	110404.21A.6
Temperature:	Not Available
Humidity:	Not Available

Test Instrument Identification

Manufacturer:	TORQ-LITE	Model:	IU-1XL
Type:	Hydraulic wrench	Serial Number:	AP191 w/ 3/4" LINK

As Left T:P Ratio:	0.1235	Last T:P Ratio:	0.1222	% Deviation:	-1.06%
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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	135	120	120	131	139
2000	270	242	242	262	278
3000	405	354	354	393	417
4000	540	490	490	524	556
5000	675	616	616	655	695
6000	810	744	744	786	834
7000	945	872	872	917	973
8000	1080	994	994	1048	1112
9000	1215	1119	1119	1179	1251
10000	1350	1244	1244	1310	1391

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: *IN TOLERANCE*

Test Instrument was found within applicable tolerance levels.

(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:



Matt Pearson, 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 #1: Certification Schedule

Capacity	Item	Serial #	Model #	Date Cal'd	Date Due Cal
300 PSI	Pressure gauge	2810965	DPI 104	7/21/2013	7/21/2014
10000 PSI	Pressure gauge	3108832	DPI 104	7/21/2013	7/21/2014
5000 PSI	Pressure gauge	2827280	DPI 104	7/21/2013	7/21/2014
100 IN/LBS	AWS Transducer	10196-3	MTMPD-2S-100	3/12/2013	3/21/2014
500 IN/LBS	AWS Transducer	10196-4	MTMPD-2S-500	3/12/2013	3/21/2014
250 FT/LBS	AWS Transducer	M105581-3	ITFL-250	6/5/2013	6/5/2014
2000 FT/LBS	AWS Transducer	M105581-1	ITFL-2000	6/5/2013	6/5/2014
5000 Ft/LBS	AWS Transducer	M11963	ITFL-5K	8/12/2013	8/12/2014
25000 Ft/LBS	AWS Transducer	7874-1	ITFL-25K	Not in Van	Not In Van
N/A	Hygro-Thermometer	None	445703	8/12/2013	8/12/2014
Indicator	AWS Indicator	UNK	M4050-5	8/12/2013	8/12/2014
Indicator	AWS Indicator	UNK	M4050-5	Not in Van	Not in Van