

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 - Fort Worth TX

Gardner Denver
Ft. Worth Repair & Distribution
7533 Kathy Lane
Ft Worth, TX 76126

Calibration Date:	08 Sep 2011
Calibration Number:	110908.20A.13
Temperature:	Not Available
Humidity:	Not Available

Test Instrument Identification

Manufacturer:	HYTORC	Model:	4LOW
Type:	Hydraulic wrench	Serial Number:	34928 T8-2

As Left T:P Ratio:	0.3892	Last T:P Ratio:	0.4286	% Deviation:	10.12%
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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	432	384	390	419	445
2000	864	768	780	838	890
3000	1296	1160	1176	1257	1335
4000	1728	1556	1568	1676	1780
5000	2160	1946	1956	2095	2225
6000	2592	2328	2346	2514	2670
7000	3024	2714	2734	2933	3115
8000	3456	3096	3112	3352	3560
9000	3888	3478	3486	3771	4005
10000	4320	3862	3860	4190	4450

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:



Jon Bucki, 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 #2: Certification Schedule

CAPACITY	ITEM	S/N	MODEL	CAL DUE DATE
THERMOMETER	EXTECH	NONE	445703	10/24/2013
2,000 FTLB	AKO	2933 28704	TSD 2011	10/24/2013
20,000 FTLB	AKO	2452 28097	TDS 20011	10/24/2013
1,000 FTLB	AKO	2453 28704	TDS 1011	10/24/2013
50 FTLB	AKO	4507	TDS111/050	10/24/2013
10,000 PSI	DRUCK	3151587	DPI104	10/24/2013
5,000 PSI	DRUCK	2827279	DPI104	10/24/2013
300 PSI	DRUCK	2784730	DPI104	10/24/2013
250 FTLB	CDI	509064812	2503-F-MT	10/24/2013
600 FTLB	CDI	78580025	6004-F-MT	10/24/2013
1500 FTLB	CDI	120850041	15005-F-MT	10/24/2013
Indicator	AKO	28704	TSD 6000-2	10/24/2013
Indicator	AKO	28097	TSD 6000-1	10/24/2013