



TEAM TORQUE INC.

Certificate Of Calibration

Calibration Performed By:
TEAM TORQUE INC.
1231 PARK AVENUE
BISMARCK, ND 58504
701-223-4552

For:
TEAM TORQUE INC
MISSOURI VALLEY CALIBRATION
BISMARCK, ND 58504

P.O.: VERBAL

Gage Description: 100 TO 600 rlb CLICK TYPE WRENCH 4% 6%
Serial Number: MJ29
Manufacturer: JH WILLIAMS

Gage I.D.: MJ29
Model Number: HTW-4RCF

Received Condition: GOOD
Cal. Date: 8/24/2007

Performed By: sb
Certificate Created By: Cary Hoffmann
Calibration Result: Certified

Comments:
TORQUE TOOL WAS WITHIN TOLERANCE WHEN RECEIVED IN OUR LAB. CALIBRATED AND CERTIFIED TO NATIONAL SPECIFICATIONS BELOW.

Seq.	Description	Standard	Tol.-	Tol.+	As Found	Final (Uncertainty)	Unit
1	20 % CW	120.00	115.20	124.80	119.69	121.73 (± 1.362)	ftlb
2	40 % CW	240.00	230.40	249.60		244.05 (± 2.731)	ftlb
3	60 % CW	360.00	345.60	374.40	366.50	364.45 (± 4.078)	ftlb
4	80 % CW	480.00	460.80	499.20		478.19 (± 5.351)	ftlb
5	100 % CW	600.00	576.00	624.00	597.20	592.66 (± 6.632)	ftlb
6	20 % CCW	120.00	112.80	127.20		122.34 (± 1.369)	ftlb
7	40 % CCW	240.00	225.60	254.40		241.96 (± 2.708)	ftlb
8	60 % CCW	360.00	338.40	381.60		360.01 (± 4.029)	ftlb
9	80 % CCW	480.00	451.20	508.80		479.37 (± 5.364)	ftlb
10	100 % CCW	600.00	564.00	636.00		591.16 (± 6.615)	ftlb

Equipment Used to Calibrate Gage:

Serial Number	Description	Traceability Reference #	Uncertainty	Last Calibration	Due for Calibration
08908-4	25 TO 250 FTLB TRANSDUCER	072307-08908-4	1.119%	7/30/2007	10/29/2007

Team Torque Inc. Is Accredited To ISO 17025 & ANSI/NCCL Z540-1 A2LA Certificate # 2472.01

Reported uncertainties (parenthesized data in "Final" readings column) represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Test equipment used to calibrate this instrument have all been calibrated by Certified Standards and are traceable to the National Institute of Standards and Technology (NIST).

Calibration Method Used: TWLSOP (TWD-0017)

The Calibration Interval will vary from customer use and different conditions. All calibrations are verified at a moment in time; and confirmed within controlled temperature (65°F - 75°F) and humidity (below 80% relative humidity) ranges. Team Torque is not responsible for future torque tool calibrations.

Note: All future torque tool repair and calibrations are the sole responsibility of the tool's owner. The use of a torque tool improperly (ex. breaking loose tightened fasteners or dropping the tool) may cause loss of calibration.

Note: This document relates only to equipment listed on this certificate and cannot be reproduced or duplicated by any means without written permission of Team Torque Inc.

Cert #: 082307-MJ29

Creation Date: 8/24/2007

TEAM TORQUE, INC.
TORQUE WRENCH QUALITY WITH EVERY CLICK!
701-223-4552

www.teamtorque.com