



## Certificate of Calibration

Certificate Number 345277 - 8044 - 345287

<b>Illiana Instrumentation Service</b> 1831 Govert Drive Schererville, In 46375	Description <u>Electronic Torque Sensor/Meter</u>	Rec'd Date <u>06/28/2016</u>
Customer Ship To Address: <b>Laura Grolla</b> <b>219-942-5588</b>	Manufacturer <u>Craftsman</u>	Cal Date <u>07/01/2016</u>
Contact	Model No. <u>44598</u>	Due Date
P.O. Number	Serial No. <u>012498</u>	Procedure Used <input type="checkbox"/> Mfg. <input checked="" type="checkbox"/> Other G1436
Release Number	Control No. <u>1293</u>	Temperature <u>68.0</u> °F
Calibration Location: <u>Tru Cal Intl. Inc.</u>	Asset No. <u>1293</u>	Humidity <u>45.5</u> %RH
	Department	
	Location	

Received Condition: **In Tolerance**      Fault/Symptom

Returned Condition: **In Tolerance/Cal Only**      Work Performed  
*Verified Manufacturers Specifications.*

### Calibration Standards

Asset No.	Asset Model	Due Date	Traceability Number
A314	AKO TSD 1200 / TSD650P Torque Calibrator	12/7/2016	333836-0142-333846

This certifies that the above instrument was calibrated in compliance with ANSI/NCSL Z540-1-1994, with a quality system that meets ISO9001:2008 and accredited to ISO/IEC 17025:2005 using applicable procedures. Standards of known accuracy used to perform this calibration are traceable to National Institute of Standards and Technology (NIST). Some measurements are traceable to natural physical constants, consensus standards or ratio type measurements. The test limits stated in the report correspond to the published specifications of the equipment, at the points tested unless otherwise noted. Measurement uncertainties are calculated in accordance with the ISO "Guide to the Expression of Uncertainty in Measurement." When requested, reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k=2. † Indicates Non-Accredited Service. This certificate or report shall not be reproduced, except in full, without written approval of Tru Cal International Inc. \* Denotes out of tolerance conditions. As found and as left readings are the same unless otherwise noted.

Digitally Signed by Paul Ratkowski on 7/1/2016 1:03:38

Received By (Customer) sme      Paul Ratkowski      Inspected By Paul Ratkowski  
 Rec'd Date      QAM Initial      Certified By

