



1600 E. Murdock Wichita, KS 67214

Phone: (866) 384-3010



CERTIFICATE  
#3040.01

## Manual Wrench Type II Class A

Calibration Report for:

MHC Kenworth- Springfield 25

3301 East Kerney  
Springfield, MO 65803

Calibration #:	201118.53.39663
Calibration Date:	11/18/2020
Expiration Date:	11/18/2021
Temperature:	22.4 °C
Humidity:	21.50% RH

Asset ID #:	1605718456
Asset Type:	Manual Wrench Type II Class A
Manufacturer:	KOBALT
Model #:	337333
Serial #:	1406392805

Testing Points		"As Found" Data (1) (FT-LBS)						"As Left" Data (2) (FT-LBS)						Low Limit -4%	High Limit +4%
		1	2	3	4	5	AVG	1	2	3	4	5	AVG		
20	Readings	20.12	19.98	20.06	20.06	19.98	20.04	20.12	19.98	20.06	20.06	19.98	20.04	19.2	20.8
	Dev. %	0.60	-0.10	0.30	0.30	-0.10	0.20	0.60	-0.10	0.30	0.30	-0.10	0.20		
	CL 95% (FT-LBS)	0.7	3.1	0.7	0.7	3.1	0.7	0.7	3.1	0.7	0.7	3.1	0.7		
60	Readings	59.74	58.64	58.70	59.18	59.66	59.184	59.74	58.64	58.70	59.18	59.66	59.184	57.6	62.4
	Dev. %	-0.43	-2.27	-2.17	-1.37	-0.57	-1.36	-0.43	-2.27	-2.17	-1.37	-0.57	-1.36		
	CL 95% (FT-LBS)	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1		
100	Readings	99.44	97.36	97.16	96.86	97.76	97.716	99.44	97.36	97.16	96.86	97.76	97.716	96	104
	Dev. %	-0.56	-2.64	-2.84	-3.14	-2.24	-2.28	-0.56	-2.64	-2.84	-3.14	-2.24	-2.28		
	CL 95% (FT-LBS)	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4		

### Remarks:

(1) "As Found" Data: **IN TOLERANCE**

Test Instrument was found within applicable tolerance levels.

(2) "As Left" Data: **IN TOLERANCE**

Test Instrument was left within applicable tolerance levels.

### Technician Comments:

Trevor Yost, Calibration Technician

### Notes:

A. This accredited organization maintains both A2LA accreditation to ISO/IEC 17025 and ANSI/NCSL Z540-1-1994 for the specific tests/calibrations listed in A2LA Certificate #3040.01, and ISO 6789.

B. Environmental conditions were held within Alltite's standards of 60 to 88 degrees Fahrenheit and below 90% relative humidity.

C. Procedures for this calibration method are outlined in CP-005-19.

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 Alltite'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 Alltite.

G. Calibration performed and valid for Clockwise Direction only.

H. This calibration document is followed by a Calibration Schedule page.

I. The uncertainty(s) listed represent an expanded uncertainty expressed using a coverage factor of k=2, such that the confidence level (CL) approximates 95%. CL 95% = Unaccred. or \* means the measurement falls outside our accredited scope and therefore no measure of uncertainty has been determined.



## Van 19: Washington 9241 Calibration Laboratory: Certification Schedule

Capacity	Item	Model #	Serial #	Traceability/Report #	Date Due Cal
Temp/Humid	Extech	42280	10241204	00261105-09vVXY	02/28/2021
200 FTLB	AKO Torque Transducer	TSD 111/200	6203	200408.19.82739	10/08/2021