

CERTIFICATE OF CALIBRATION

ADVANCED TORQUE PRODUCTS

"The ultimate in precision torque"

Advanced Torque Products, LLC

56 Budney Road

Newington, CT 06111

(860) 828-1523

www.AdvancedTorque.com

Customer: ATP
Serial Number: 180000
Wrench Model: ATP8000
Maximum Capacity: 8000 FT-LBS
Calibration Frequency: 1 Year
Calibration Due: 1/29/2021

Calibration Technician: John Smith

Approval: 

Date of Calibration: 1/29/2020

Temperature: 72 Deg

Humidity: 24%

EQ#: N/A

Torque Verification

If the values below are not shaded red they meet the accuracy spec of;
 ±1% of full scale for all values both CW and CCW.
 Performed in accordance with PR 016

Setting (FT-LBS)	CW As Found	CCW As Found	CW As Left	CCW As Left	Setting (IN-LBS)	CW As Left	CCW As Left
1600	1636	1548	1612	1616	19200	19438	19414
3200	3286	3142	3218	3212	38400	38684	38594
4800	4882	4774	4816	4808	57600	57684	57744
6400	6498	6416	6416	6402	76800	76846	76980
8000	8100	8060	8012	7996	96000	96192	96000

Equipment Used: TSD10011 S/N: 5733; TSD6500-3 S/N: 20774; Capacity: 0-10,000 Lb.Ft.

Equipment Calibration Due Date: 11/11/2020

Note: The uncertainty of the test equipment used is 0.157% where k=2

The above Torque Transducers and Digital Torque Indicator were calibrated traceable to National Institute of Standards and Technology

Records are available upon request.

This document contains no technical data subject to EAR or the ITAR.

Angle Verification

*Note: This section only applies to ATP wrenches equipped with Digital Encoder System.
 If the values below are not shaded red they meet the Accuracy spec. of; ±15 minutes.*

SETTING	As Found				As Left			
	CW		CCW		CW		CCW	
	DEG (°)	MIN (')	DEG (°)	MIN (')	DEG (°)	MIN (')	DEG (°)	MIN (')
90°00'	90	12	89	56	90	12	89	56
180°00'	180	01	180	15	180	01	180	15
270°00'	269	47	270	11	269	47	270	11
360°00'	360	08	360	06	360	08	360	06

Equipment Used: ATP-ACS S/N: 001

Equipment Calibration Due Date: 10/11/2022

Note: The uncertainty of the test equipment used is 0.64 arcseconds where k=2