



333 RT. 17 N.

Mahwah, NJ 07430

800-FOR-HYTORC

CERTIFICATE OF CALIBRATION

CERTIFICATE#: J1-160329083503

CUSTOMER TURNER SPECIALTY SUPPLY

P.O. # 16-567

TOOL MODEL J-GUN AIR-2

SERIAL # J200087

STATED ACCURACY +/- 5%

PRESSURE RANGE: 20 - 90 psi

PROCEDURE & METHOD USED

The J Gun Pneumatic Torque Tool was calibrated on JETYD Automated Torque Tool Calibration System, in accordance with Pneumatic J-Gun Calibration Procedure #330 Version 2.1

CALIBRATION EQUIPMENT USED

JETYD Automated Torque Tool Calibration System

[X] Honeywell Rotary Torque Transducer Serial #1182099. Torque standard traceable to NIST by calibration report # 028446, Calibration date 02/04/2015, Calibration due date 05/2016.

Calibrations performed at 68° F-75° F, R.H. 20%-60%. Tool is calibrated at intervals of 20 psi air pressures, all other values are extrapolated. Calibrations are per ISO5393 Soft Joint Standard.

Standard Torque

PRESSURE psi	MIN	MAX	As Received/ As Left	
	lbf.ft (N.m)	lbf.ft (N.m)	lbf.ft	N.m
20	495 (671)	547 (741)	521	706
25	614 (833)	679 (921)	647	877
30	735 (997)	813 (1101)	774	1049
35	856 (1161)	946 (1283)	901	1222
40	977 (1324)	1080 (1464)	1028	1394
45	1097 (1488)	1213 (1644)	1155	1566
50	1217 (1650)	1345 (1824)	1281	1737
55	1337 (1813)	1478 (2003)	1408	1908
60	1457 (1976)	1611 (2184)	1534	2080
65	1552 (2104)	1715 (2326)	1634	2215
70	1644 (2229)	1817 (2463)	1730	2346
75	1736 (2353)	1918 (2601)	1827	2477
80	1830 (2481)	2023 (2743)	1927	2612
85	1956 (2652)	2162 (2932)	2059	2792
90	2081 (2822)	2300 (3119)	2190	2970

Torque values determined using 10 ft length hose

Inspection Checks Done: Reverse: Pass

As Received/ As Left Calibration Status: Pass

Calibration Technician

Vincent Sturdy

Calibration Date 3/29/2016

Approved By: Title: Q.A. Manager

Koshy Sachariah

Calibrations are in accordance with requirements of ISO/IEC 17025:2005. Calibration results were obtained using equipment capable of producing results that are traceable to NIST and through NIST to the International System of Units (SI). Expanded uncertainties expressed at approximately 95% confidence levels using a coverage factor K=2 was accounted for in making compliance/non compliance decision with specification, and are available upon request within 30 days of calibration date. Results are valid only to the above item calibrated at the time of test. This certificate shall not be reproduced except in full without the written permission of Jetyd Corp.



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TOOL MODEL: J-GUN AIR-2

J200087

PRESSURE / TORQUE CONVERSION CHART

Standard Torque

PRESSURE		TORQUE		
psi	bar	ft-lbs	kgf-m	N-m
20	1.38	521	72	706
25	1.72	647	89	877
30	2.07	774	107	1049
35	2.41	901	125	1222
40	2.76	1028	142	1394
45	3.1	1155	160	1566
50	3.45	1281	177	1737
55	3.79	1408	195	1908
60	4.14	1534	212	2080
65	4.48	1634	226	2215
70	4.83	1730	239	2346
75	5.17	1827	253	2477
80	5.52	1920	266	2607
85	5.86	2059	285	2792

Torque values determined using 10 ft length hose

Calibrations are per ISO5393 Soft Joint Standard.

NOTE: 1) Minimum 30 CFM air required to use this pneumatic torque tool. 2) Use 1/2" or 3/4" diameter hose for optimal results; minimum diameter hose to be used is 1/2".

3/29/2016

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