



333 RT. 17 N.
Mahwah, NJ 07430
800-FOR-HYTORC

CERTIFICATE OF CALIBRATION

CERTIFICATE#: J1-160401161257

CUSTOMER HY DEMO
TOOL MODEL J-GUN AIR-3
STATED ACCURACY +/- 5%

P.O. # 16-602
SERIAL # J302518
PRESSURE RANGE: 20 - 70 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	809 (1096)	894 (1212)	852	1154
25	1038 (1408)	1147 (1556)	1093	1482
30	1271 (1722)	1404 (1904)	1337	1813
35	1503 (2038)	1661 (2252)	1582	2145
40	1735 (2353)	1918 (2601)	1827	2477
45	1942 (2633)	2147 (2911)	2044	2772
50	2146 (2910)	2372 (3216)	2259	3063
55	2351 (3187)	2598 (3523)	2474	3355
60	2555 (3464)	2824 (3828)	2689	3646
65	2752 (3732)	3042 (4124)	2897	3928
70	2949 (3999)	3260 (4419)	3104	4209

Torque values determined using 10 ft length hose

Inspection Checks Done: Reverse: Pass
As Received/ As Left Calibration Status: Pass

Calibration Technician

Carlos Jimenez

Approved By: Title: Q.A. Manager

Koshy Sachariah

Calibration Date 4/1/2016

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-3

J302518

PRESSURE / TORQUE CONVERSION CHART

Standard Torque

PRESSURE		TORQUE		
psi	bar	ft-lbs	kgf-m	N-m
20	1.38	852	118	1154
25	1.72	1093	151	1482
30	2.07	1337	185	1813
35	2.41	1582	219	2145
40	2.76	1827	253	2477
45	3.1	2044	283	2772
50	3.45	2259	312	3063
55	3.79	2474	342	3355
60	4.14	2689	372	3646
65	4.48	2897	401	3928
70	4.83	3104	429	4209

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".

4/1/2016

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V6.2 01/25/2016