



333 RT. 17 N.

Mahwah, NJ 07430

800-FOR-HYTORC

CERTIFICATE OF CALIBRATION

CERTIFICATE#: J2-160322132548

TOOL MODEL J-GUN AIR-1
STATED ACCURACY +/- 5%

SERIAL # J102903
PRESSURE RANGE: 20 - 80 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 #1398434. Torque standard traceable to NIST by calibration report # 27875, Calibration date 08/12/2014, Calibration due date 11/2016. 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	286 (388)	316 (428)	301	408
25	357 (484)	394 (534)	376	509
30	428 (580)	473 (642)	450	611
35	499 (676)	551 (748)	525	712
40	570 (772)	630 (854)	600	813
45	644 (874)	712 (966)	678	920
50	719 (975)	795 (1077)	757	1026
55	794 (1076)	878 (1190)	836	1133
60	869 (1178)	960 (1302)	915	1240
65	944 (1280)	1043 (1414)	994	1347
70	1019 (1381)	1126 (1527)	1073	1454
75	1094 (1484)	1209 (1640)	1152	1562
80	1169 (1586)	1292 (1752)	1231	1669

Torque values determined using 10 ft length hose

Inspection Checks Done: Reverse: Pass

As Received/ As Left Calibration Status: Pass

Calibration Technician

Curtis DeFreese

#N/A

Koshy Sachariah

Calibration Date 3/22/2016

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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CERTIFICATE OF CALIBRATION

TOOL MODEL: J-GUN AIR-1

J102903

PRESSURE / TORQUE CONVERSION CHART

Standard Torque

PRESSURE		TORQUE		
psi	bar	ft-lbs	kgf-m	N-m
20	1.38	301	42	408
25	1.72	376	52	509
30	2.07	450	62	611
35	2.41	525	73	712
40	2.76	600	83	813
45	3.1	678	94	920
50	3.45	757	105	1026
55	3.79	836	116	1133
60	4.14	915	126	1240
65	4.48	994	137	1347
70	4.83	1073	148	1454
75	5.17	1152	159	1562
80	5.52	1231	170	1669

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".

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V6 08/11/2015

3/22/2016

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