

# CERTIFICATE OF CALIBRATION

**JETYD CORP**  
120 Wesley Street  
South Hackensack, NJ 07606

CERTIFICATE#: J1-160303100700

**TOOL MODEL** J-GUN AIR-8 SINGLE SPEED  
**STATED ACCURACY +/- 5%**

**SERIAL #** J800434  
**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.

PRESSURE	MIN	MAX	Standard Torque	
			As Received/ As Left	
psi	lbf.ft (N.m)	lbf.ft (N.m)	lbf.ft	N.m
20	1656 (2246)	1831 (2482)	1743	2364
25	2114 (2866)	2337 (3168)	2225	3017
30	2579 (3496)	2850 (3864)	2714	3680
35	3043 (4127)	3364 (4561)	3204	4344
40	3508 (4757)	3878 (5257)	3693	5007
45	3945 (5349)	4360 (5912)	4152	5630
50	4377 (5935)	4838 (6559)	4608	6247
55	4810 (6522)	5316 (7208)	5063	6865
60	5243 (7108)	5795 (7856)	5519	7482
65	5609 (7605)	6199 (8405)	5904	8005
70	5966 (8088)	6594 (8940)	6280	8514
75	6323 (8572)	6988 (9474)	6655	9023
80	6685 (9063)	7388 (10017)	7037	9540
85	7106 (9635)	7854 (10649)	7480	10142
90	7527 (10206)	8320 (11280)	7924	10743

### Torque values determined using 10 ft length hose

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

Calibration Technician

*Carlos Mejia*

Approved By: Title: Q.A. Manager

*Koshy Sachariah*

**Calibration Date** 3/3/2016

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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J800434**

**PRESSURE / TORQUE CONVERSION CHART**

PRESSURE		Standard Torque		
psi	bar	ft-lbs	kgf-m	N-m
20	1.38	1743	241	2364
25	1.72	2225	308	3017
30	2.07	2714	375	3680
35	2.41	3204	443	4344
40	2.76	3693	511	5007
45	3.1	4152	574	5630
50	3.45	4608	637	6247
55	3.79	5063	700	6865
60	4.14	5519	763	7482
65	4.48	5904	816	8005
70	4.83	6280	868	8514
75	5.17	6655	920	9023
80	5.52	7037	973	9540
85	5.86	7480	1034	10142
90	6.21	7924	1095	10743

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 ½" or ¾" diameter hose for optimal results; minimum diameter hose to be used is ½".

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V6.2 01/25/2016

3/3/2016

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