

CERTIFICATE OF CALIBRATION

**JETYD CORP
120 WESLEY STREET
SOUTH HACKENSACK, NJ 07606**

CERTIFICATE# 140916150030

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

**SERIAL # J8P00082
PRESSURE RANGE: 20 - 85 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 #1398411. Torque standard traceable to NIST by calibration report # 27556, Calibration date 05/02/2014, Calibration due date 05/2015. 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 psi	Standard Torque		As Received/ As Left		
	MIN lbf.ft (N.m)	MAX lbf.ft (N.m)	lbf.ft	N.m	
20	1975 (2677)	2183 (2959)	2079	2818	
25	2452 (3325)	2710 (3675)	2581	3500	
30	2930 (3973)	3239 (4391)	3085	4182	
35	3408 (4621)	3767 (5107)	3588	4864	
40	3886 (5269)	4295 (5823)	4091	5546	
45	4311 (5845)	4765 (6461)	4538	6153	
50	4727 (6409)	5225 (7083)	4976	6746	
55	5143 (6973)	5684 (7707)	5414	7340	
60	5559 (7536)	6144 (8330)	5851	7933	
65	6012 (8152)	6645 (9010)	6329	8581	
70	6492 (8803)	7176 (9729)	6834	9266	
75	6972 (9453)	7706 (10449)	7339	9951	
80	7452 (10103)	8237 (11167)	7844	10635	
85	7868 (10668)	8696 (11790)	8282	11229	

Torque values determined using 10 ft length hose

Inspection Checks Done: Reverse & High Speed: Pass

As Received/ As Left Calibration Status: Pass

Calibration Technician

Carlos Mejia

Approved By: Title: Q.A. Manager

Kashy Sachariah

Calibration Date 9/16/2014

Calibration Interval: 3 Months

Calibration Due Date: 12/16/2014

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 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 Jetlyd Corp.



**TOOL MODEL: J-GUN AIR-8 APACHE DUAL SPEED
J8P00082**

PRESSURE / TORQUE CONVERSION CHART

PRESSURE		Standard Torque		
psi	bar	ft-lbs	kgf-m	N-m
20	1.38	2079	287	2818
25	1.72	2581	357	3500
30	2.07	3085	426	4182
35	2.41	3588	496	4864
40	2.76	4091	566	5546
45	3.10	4538	627	6153
50	3.45	4976	688	6746
55	3.79	5414	748	7340
60	4.14	5851	809	7933
65	4.48	6329	875	8581
70	4.83	6834	945	9266
75	5.17	7339	1015	9951
80	5.52	7844	1085	10635
85	5.86	8282	1145	11229

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".

9/16/2014

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V5.1 09/16/2014