

CERTIFICATE OF CALIBRATION

JETYD CORP
120 WESLEY STREET
SOUTH HACKENSACK, NJ 07606

CERTIFICATE# 150122092727

TOOL MODEL J-GUN AIR-3 APACHE
STATED ACCURACY +/- 5%

SERIAL # J3P02271
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 #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	MIN	MAX	Standard Torque		
			As Received/	As Left	
psi	lbf.ft (N.m)	lbf.ft (N.m)	lbf.ft	N.m	
20	788 (1069)	871 (1181)	830	1125	
25	982 (1331)	1085 (1471)	1034	1401	
30	1175 (1593)	1299 (1761)	1237	1677	
35	1369 (1856)	1513 (2052)	1441	1954	
40	1562 (2119)	1727 (2342)	1645	2230	
45	1743 (2364)	1927 (2612)	1835	2488	
50	1924 (2609)	2127 (2883)	2026	2746	
55	2105 (2855)	2327 (3155)	2216	3005	
60	2287 (3100)	2527 (3426)	2407	3263	
65	2446 (3316)	2703 (3665)	2574	3490	
70	2603 (3529)	2877 (3901)	2740	3715	
75	2761 (3743)	3051 (4137)	2906	3940	
80	2918 (3957)	3226 (4373)	3072	4165	

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 1/22/2015

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-3 APACHE
J3P02271

PRESSURE / TORQUE CONVERSION CHART

PRESSURE		Standard Torque		
psi	bar	ft-lbs	kgf-m	N-m
20	1.38	830	115	1125
25	1.72	1034	143	1401
30	2.07	1237	171	1677
35	2.41	1441	199	1954
40	2.76	1645	227	2230
45	3.10	1835	254	2488
50	3.45	2026	280	2746
55	3.79	2216	306	3005
60	4.14	2407	333	3263
65	4.48	2574	356	3490
70	4.83	2740	379	3715
75	5.17	2906	402	3940
80	5.52	3072	425	4165

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".

1/22/2015

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