



333 RT. 17 N.

Mahwah, NJ 07430

800-FOR-HYTORC

CERTIFICATE OF CALIBRATION

CERTIFICATE# 141125105409

TOOL MODEL J-GUN AIR-5 APACHE DUAL SPEED

SERIAL # J5P00248

STATED ACCURACY +/- 5%

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.

Standard Torque

PRESSURE psi	MIN	MAX	As Received/ As Left		
	lbf.ft (N.m)	lbf.ft (N.m)	lbf.ft	N.m	
20	1154 (1566)	1276 (1730)	1215	1648	
25	1443 (1956)	1594 (2162)	1518	2059	
30	1731 (2347)	1913 (2594)	1822	2470	
35	2019 (2738)	2232 (3026)	2125	2882	
40	2307 (3128)	2550 (3458)	2429	3293	
45	2592 (3515)	2865 (3885)	2729	3700	
50	2877 (3901)	3180 (4311)	3028	4106	
55	3161 (4286)	3494 (4738)	3328	4512	
60	3446 (4671)	3808 (5163)	3627	4917	
65	3715 (5036)	4106 (5566)	3910	5301	
70	3975 (5389)	4393 (5957)	4184	5673	
75	4235 (5742)	4681 (6346)	4458	6044	
80	4496 (6095)	4969 (6737)	4732	6416	
85	4757 (6450)	5257 (7128)	5007	6789	

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

Koshy Sachariah

Calibration Date 11/25/2014

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 Jetyd Corp.



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**TOOL MODEL: J-GUN AIR-5 APACHE DUAL SPEED
J5P00248
PRESSURE / TORQUE CONVERSION CHART**

Standard Torque

PRESSURE		TORQUE		
psi	bar	ft-lbs	kgf-m	N-m
20	1.38	1215	168	1648
25	1.72	1518	210	2059
30	2.07	1822	252	2470
35	2.41	2125	294	2882
40	2.76	2429	336	3293
45	3.10	2729	377	3700
50	3.45	3028	419	4106
55	3.79	3328	460	4512
60	4.14	3627	501	4917
65	4.48	3910	541	5301
70	4.83	4184	578	5673
75	5.17	4458	616	6044
80	5.52	4732	654	6416
85	5.86	5007	692	6789

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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V5.2 11/19/2014

11/25/2014

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