

**CERTIFICATE OF CALIBRATION**

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

**CERTIFICATE# 141103095822**

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

**SERIAL #** JP5P00287  
**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 #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 using Silencer Kit**

PRESSURE psi	MIN	MAX	As Received/ As Left	
	lbf.ft (N.m)	lbf.ft (N.m)	lbf.ft	N.m
20	122 (166)	135 (184)	129	175
25	142 (192)	156 (212)	149	202
30	161 (218)	178 (240)	169	229
35	180 (244)	199 (270)	189	257
40	199 (270)	220 (298)	209	284
45	217 (295)	240 (326)	229	310
50	235 (319)	260 (353)	248	336
55	254 (344)	280 (380)	267	362
60	272 (369)	300 (407)	286	388
65	291 (394)	321 (436)	306	415
70	310 (420)	342 (464)	326	442
75	329 (446)	363 (492)	346	469
80	348 (471)	384 (521)	366	496
85	367 (497)	405 (549)	386	523
90	385 (523)	426 (578)	406	550

Torque values determined using 8 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** 11/3/2014

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.



**TOOL MODEL: J-GUN AIR .5 APACHE DUAL SPEED  
JP5P00287**

**PRESSURE / TORQUE CONVERSION CHART**

Standard Torque using Silencer Kit

PRESSURE		TORQUE		
psi	bar	ft-lbs	kgf-m	N-m
20	1.38	129	18	175
25	1.72	149	21	202
30	2.07	169	23	229
35	2.41	189	26	257
40	2.76	209	29	284
45	3.10	229	32	310
50	3.45	248	34	336
55	3.79	267	37	362
60	4.14	286	40	388
65	4.48	306	42	415
70	4.83	326	45	442
75	5.17	346	48	469
80	5.52	366	51	496
85	5.86	386	53	523
90	6.21	406	56	550

Torque values determined using 8 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".

11/3/2014

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V5.1 09/16/2014