

HYTORC

333 RT. 17 N.
Mahwah, NJ 07430
800-FOR-HYTORC

CERTIFICATE OF CALIBRATION

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 lbf.ft (N.m)	MAX lbf.ft (N.m)	As Received/ As Left		
			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

Calibration Date 11/3/2014

Approved By: Title: Q.A. Manager

Koshy Sachariah

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 Jetdy Corp.



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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 1/2" or 3/4" diameter hose for optimal results; minimum diameter hose to be used is 1/2".

11/3/2014

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