



333 RT. 17 N.

Mahwah, NJ 07430

800-FOR-HYTORC

CERTIFICATE OF CALIBRATION

CERTIFICATE#: J1-160217173118

CUSTOMER HY DEMO
TOOL MODEL J-GUN AIR- .25
STATED ACCURACY +/- 5%

P.O. # 16-229A
SERIAL # JP2500312
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 #1182099. Torque standard traceable to NIST by calibration report # 028446, Calibration date 02/04/2015, Calibration due date 05/2016.
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 lbf.ft (N.m)	MAX lbf.ft (N.m)	As Received/ As Left	
			lbf.ft	N.m
20	46 (62)	50 (68)	48	65
25	57 (78)	63 (86)	60	82
30	69 (93)	76 (103)	72	98
35	80 (108)	88 (120)	84	114
40	91 (124)	101 (137)	96	130
45	106 (143)	117 (159)	112	151
50	122 (165)	134 (183)	128	174
55	137 (186)	152 (206)	144	196
60	153 (207)	169 (229)	161	218
65	164 (221)	181 (245)	172	233
70	174 (236)	192 (260)	183	248
75	184 (249)	203 (275)	193	262
80	195 (264)	215 (292)	205	278
85	220 (298)	243 (330)	232	314
90	246 (333)	272 (369)	259	351

Torque values determined using 10 ft length hose

Inspection Checks Done: Reverse: Pass

As Received/ As Left Calibration Status: Pass

Calibration Technician

Carlos Jimenez

Calibration Date 2/17/2016

Approved By: Title: Q.A. Manager

Kashy 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 upon request 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- .25

JP2500312

PRESSURE / TORQUE CONVERSION CHART

Standard Torque

PRESSURE		TORQUE		
psi	bar	ft-lbs	kgf-m	N-m
20	1.38	48	7	65
25	1.72	60	8	82
30	2.07	72	10	98
35	2.41	84	12	114
40	2.76	96	13	130
45	3.1	112	15	151
50	3.45	128	18	174
55	3.79	144	20	196
60	4.14	161	22	218
65	4.48	172	24	233
70	4.83	183	25	248
75	5.17	193	27	262
80	5.52	205	28	278
85	5.86	232	32	314
90	6.21	259	36	351

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

2/17/2016

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V6.2 01/25/2016