

**CERTIFICATE OF CALIBRATION**

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

**CERTIFICATE#** 140411104414  
**P.O. #** 14-610  
**SERIAL #** J1Z0126  
**PRESSURE RANGE: 20 - 90 psi**

**CUSTOMER** HYTORC  
**TOOL MODEL** J-GUN AIR-1 Z GUN  
**STATED ACCURACY +/- 5%**

**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 1.0

**CALIBRATION EQUIPMENT USED**

JETYD Automated Torque Tool Calibration System.

[ X ] Honeywell Rotary Torque Transducer Serial #1398434A. Torque standard traceable to NIST by calibration report # 1398434A-001, Calibration date 09/14/2013, Calibration due date 12/2014. 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 psi	MIN lbf.ft (N.m)	MAX lbf.ft (N.m)	Standard Torque		
			As Received/ lbf.ft	As Left N.m	
20	279 (378)	308 (418)	294	398	
25	338 (458)	374 (506)	356	482	
30	397 (539)	439 (595)	418	567	
35	456 (618)	504 (684)	480	651	
40	525 (712)	580 (786)	553	749	
45	601 (815)	665 (901)	633	858	
50	678 (919)	749 (1015)	714	967	
55	754 (1022)	834 (1130)	794	1076	
60	808 (1095)	893 (1211)	850	1153	
65	849 (1150)	938 (1272)	893	1211	
70	890 (1207)	983 (1334)	937	1270	
75	946 (1283)	1045 (1418)	995	1350	
80	1017 (1379)	1124 (1525)	1071	1452	
85	1086 (1473)	1200 (1628)	1143	1550	
90	1148 (1556)	1269 (1720)	1208	1638	

Torque values determined using standard 10ft length hose

As Received/ As Left Calibration Status: Pass

Calibration Technician  
*Frank Polimeda*

Approved By: Title: Q.A. Manager  
*Koshy Sachariah*

Calibration Date 4/11/2014

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-1 Z GUN  
J1Z0126**

**PRESSURE / TORQUE CONVERSION CHART**

PRESSURE		Standard Torque		
psi	bar	ft-lbs	kgf-m	N-m
20	1.38	294	41	398
25	1.72	356	49	482
30	2.07	418	58	567
35	2.41	480	66	651
40	2.76	553	76	749
45	3.10	633	88	858
50	3.45	714	99	967
55	3.79	794	110	1076
60	4.14	850	118	1153
65	4.48	893	124	1211
70	4.83	937	129	1270
75	5.17	995	138	1350
80	5.52	1071	148	1452
85	5.86	1143	158	1550
90	6.21	1208	167	1638

Torque values determined using standard 10ft 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".

4/11/2014

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