

CERTIFICATE OF CALIBRATION

JETYD CORP
120 WESLEY STREET
SOUTH HACKENSACK, NJ 07606

CERTIFICATE# J120730 - 17

TOOL MODEL J-GUN AIR-8 APACHE DUAL SPEED
STATED ACCURACY +/- 5%

SERIAL # J8P00014
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 1.0

CALIBRATION EQUIPMENT USED

JETYD Automated Torque Tool Calibration System.

[X] Honeywell Rotary Torque Transducer Serial # 182099. Torque standard traceable to NIST by calibration report # 182099A-001. 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	MIN	MAX	As Received/ As Left	
			lbf.ft	N.m
psi	lbf.ft (N.m)	lbf.ft (N.m)		
20	1170 (1587)	1294 (1754)	1232	1670
25	1750 (2373)	1935 (2623)	1842	2498
30	2330 (3160)	2576 (3492)	2453	3326
35	2910 (3945)	3216 (4361)	3063	4153
40	3490 (4732)	3857 (5230)	3674	4981
45	4040 (5478)	4465 (6054)	4253	5766
50	4479 (6073)	4951 (6713)	4715	6393
55	4918 (6668)	5436 (7370)	5177	7019
60	5357 (7264)	5921 (8028)	5639	7646
65	5817 (7886)	6429 (8716)	6123	8301
70	6289 (8527)	6951 (9425)	6620	8976
75	6762 (9168)	7474 (10134)	7118	9651
80	7235 (9810)	7997 (10842)	7616	10326
85	7706 (10448)	8518 (11548)	8112	10998

As Received/ As Left Calibration Status: Pass

Calibration Technician

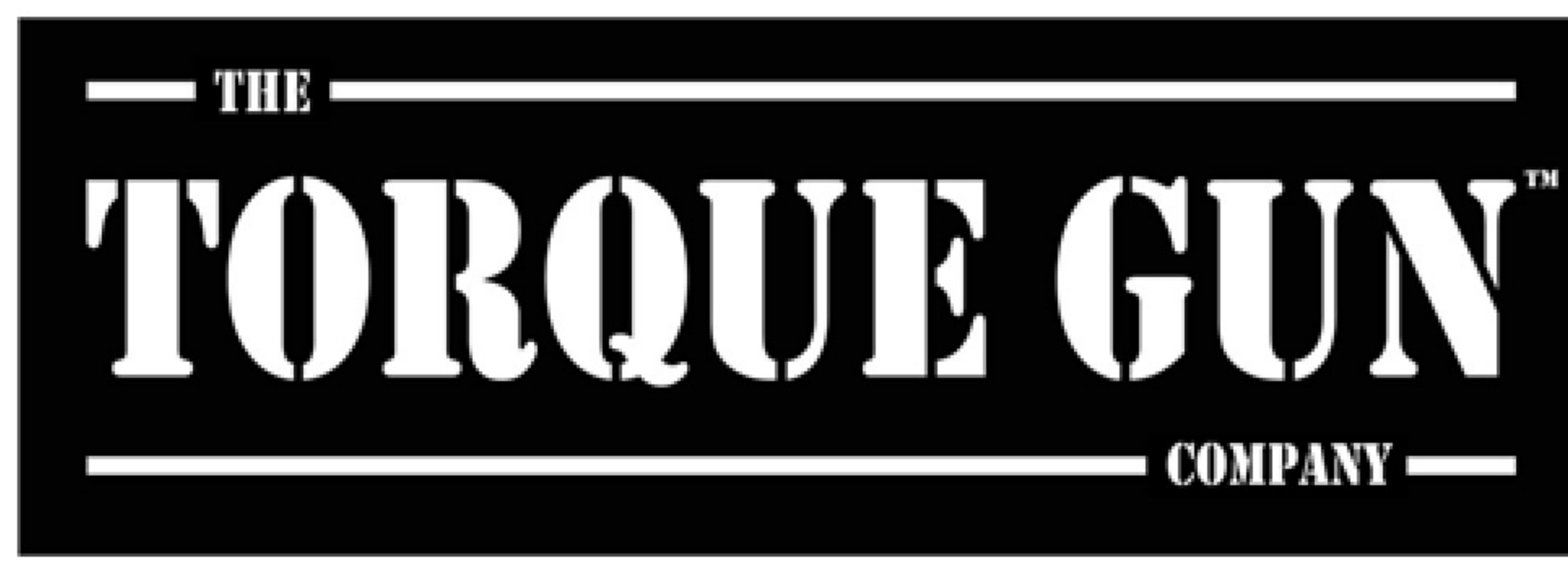
Dwayne Adams

Approved By: Title: Q.A. Manager

Koshy Sachariah

Calibration Date 7/30/2012

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: jGUN AIR 8 DUAL SPEED PLUS
JGUN-DSP-A8**
PRESSURE / TORQUE CONVERSION CHART

ALL JGUNS HAVE THEIR OWN DEDICATED CHARTS
Please request a chart for your gun at torcgun.com/charts

PRESSURE		TORQUE		
psi	bar	ft-lbs	kgf-m	N-m
20	1.38	1232	170	1670
25	1.72	1842	255	2498
30	2.07	2453	339	3326
35	2.41	3063	424	4153
40	2.76	3674	508	4981
45	3.10	4253	588	5766
50	3.45	4715	652	6393
55	3.79	5177	716	7019
60	4.14	5639	780	7646
65	4.48	6123	846	8301
70	4.83	6620	915	8976
75	5.17	7118	984	9651
80	5.52	7616	1053	10326
85	5.86	8112	1122	10998

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".

CERTIFICATE OF CALIBRATION

JETYD CORP
120 WESLEY STREET
SOUTH HACKENSACK, NJ 07606

CERTIFICATE# J120730 - 18

TOOL MODEL J-GUN AIR-8 APACHE DUAL SPEED
STATED ACCURACY +/- 5%

SERIAL # J8P00014 RUNDOWN
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 1.0

CALIBRATION EQUIPMENT USED

JETYD Automated Torque Tool Calibration System.

[X] Honeywell Rotary Torque Transducer Serial # 182099. Torque standard traceable to NIST by calibration report # 182099A-001. 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	MIN	MAX	As Received/ As Left	
			lbf.ft	N.m
psi	lbf.ft (N.m)	lbf.ft (N.m)		
20	341 (462)	376 (510)	358	486
25	347 (470)	383 (520)	365	495
30	353 (479)	390 (529)	372	504
35	359 (487)	397 (539)	378	513
40	365 (495)	404 (547)	385	521
45	390 (529)	431 (585)	411	557
50	647 (877)	715 (969)	681	923
55	904 (1226)	999 (1355)	951	1290
60	1161 (1573)	1283 (1739)	1222	1656
65	1304 (1768)	1442 (1954)	1373	1861
70	1369 (1856)	1513 (2052)	1441	1954
75	1433 (1944)	1584 (2148)	1509	2046
80	1498 (2031)	1656 (2245)	1577	2138
85	1562 (2118)	1726 (2340)	1644	2229
90	1623 (2201)	1794 (2433)	1709	2317

As Received/ As Left Calibration Status: Pass

Calibration Technician

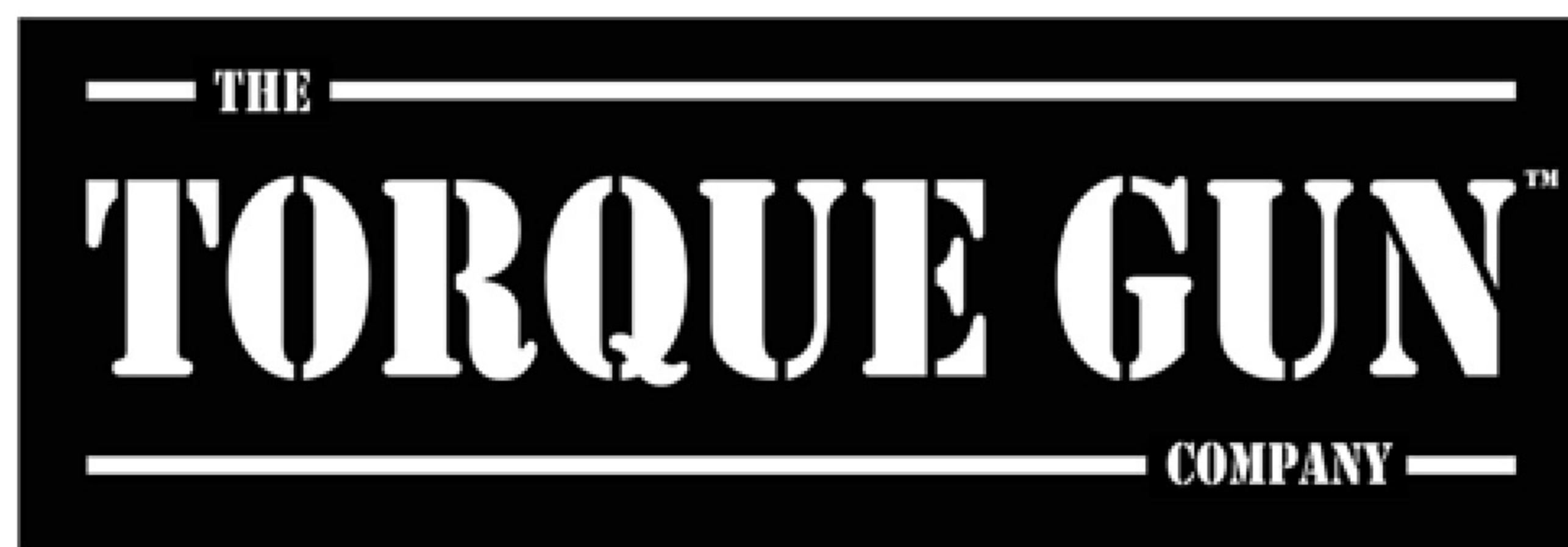
Dwayne Adams

Approved By: Title: Q.A. Manager

Koshy Sachariah

Calibration Date 7/30/2012

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 Jettyd Corp



TOOL MODEL: jGUN AIR 8 DUAL SPEED PLUS JGUN-DSP-A8

PRESSURE / TORQUE CONVERSION CHART

ALL JGUNS HAVE THEIR OWN DEDICATED CHARTS
Please request a chart for your gun at torcgun.com/charts

PRESSURE		TORQUE		
psi	bar	ft-lbs	kgf-m	N-m
20	1.38	358	50	486
25	1.72	365	50	495
30	2.07	372	51	504
35	2.41	378	52	513
40	2.76	385	53	521
45	3.10	411	57	557
50	3.45	681	94	923
55	3.79	951	132	1290
60	4.14	1222	169	1656
65	4.48	1373	190	1861
70	4.83	1441	199	1954
75	5.17	1509	209	2046
80	5.52	1577	218	2138
85	5.86	1644	227	2229
90	6.21	1709	236	2317

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".