

# Advanced Measurement Labs.

(AML Tustin, Inc.)

## CERTIFICATION

CUSTOMER: ABC CORPORATION  
1234 ANY STREET  
ANYCITY, CA 92614

PURCHASE ORDER: 123456

REPORT #: T0000

PART #: 0987654321

REVISION: A

PART DESC: SAMPLE PARTS

QUANTITY: 100

DATE: NOVEMBER 30, 2007

SUGGESTED RECALL: NOVEMBER 30, 2008

First Article Inspection was performed on Part #0987654321 REV. A. Equipment used was calibrated in accordance with ANSI / NCSL Z 540-1-1994. All our reports are traceable to NIST as listed. Results pertain to item(s) calibrated / inspected. This Certification may not be reproduced without written approval of Advanced Measurement Labs.

Equipment Description	Equipment Serial #	Calib Cert #	Asset #	Calibration Date	Calibration Due
Mitutoyo Digimatic Micrometer	293-765	7029115	5015	04/05/2007	04/05/2008
Mitutoyo Quick Vision QVM-202	2354908	7029128	5038	04/05/2007	04/05/2008

Romeo Arcinas



President  
AML Tustin, Inc.

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**ABC CORPORATION**  
0987654321 REV. A  
SAMPLE PARTS

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## REPORT SUMMARY

ITEM	DIM	TOL.	ZONE	ACTUAL	DEV	REMARKS
1	.268	±.002	D3	0.2692		MINIMUM
				0.2700		MAXIMUM
				0.2697		AVERAGE
				0.0008		RANGE
				0.00024		STDEV
				2.75		Cp
				0.44		Cpk
2	.126	±.002	D4	0.1256		MINIMUM
				0.1267		MAXIMUM
				0.1263		AVERAGE
				0.0011		RANGE
				0.00027		STDEV
				2.47		Cp
				2.05		Cpk
3	.030	±.002	D4	0.0299		MINIMUM
				0.0316		MAXIMUM
				0.0307		AVERAGE
				0.0017		RANGE
				0.00060		STDEV
				1.11		Cp
				0.75		Cpk

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Item Number:	1	Minimum	0.2692	Dev.
Blueprint Dimension:	.268	Maximum	0.2700	
Blueprint Tolerance:	±.002	Average	0.2697	
USL	0.2700	Range	0.0008	
LSL	0.2660	STDEV	0.00024	
		Cp	2.75	
		Cpk	0.44	

S/N	Actual	Dev.	P/F	Remarks
1	0.2700		PASS	
2	0.2698		PASS	
3	0.2699		PASS	
4	0.2695		PASS	
5	0.2694		PASS	
6	0.2700		PASS	
7	0.2694		PASS	
8	0.2695		PASS	
9	0.2692		PASS	
10	0.2694		PASS	
11	0.2700		PASS	
12	0.2699		PASS	
13	0.2698		PASS	
14	0.2696		PASS	
15	0.2695		PASS	
16	0.2699		PASS	
17	0.2697		PASS	
18	0.2694		PASS	
19	0.2697		PASS	
20	0.2698		PASS	
21	0.2695		PASS	
22	0.2699		PASS	
23	0.2695		PASS	
24	0.2700		PASS	
25	0.2699		PASS	
26	0.2699		PASS	
27	0.2698		PASS	
28	0.2693		PASS	
29	0.2698		PASS	
30	0.2694		PASS	

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Item Number:	2	Minimum	0.1256
Blueprint Dimension:	.126	Maximum	0.1267
Blueprint Tolerance:	±.002	Average	0.1263
USL	0.1280	Range	0.0011
LSL	0.1240	STDEV	0.00027
		Cp	2.47
		Cpk	2.05

Dev.

S/N	Actual	Dev.	P/F	Remarks
1	0.1267		PASS	
2	0.1256		PASS	
3	0.1261		PASS	
4	0.1267		PASS	
5	0.1260		PASS	
6	0.1260		PASS	
7	0.1261		PASS	
8	0.1265		PASS	
9	0.1264		PASS	
10	0.1264		PASS	
11	0.1263		PASS	
12	0.1262		PASS	
13	0.1266		PASS	
14	0.1264		PASS	
15	0.1262		PASS	
16	0.1263		PASS	
17	0.1266		PASS	
18	0.1264		PASS	
19	0.1267		PASS	
20	0.1260		PASS	
21	0.1264		PASS	
22	0.1261		PASS	
23	0.1260		PASS	
24	0.1265		PASS	
25	0.1267		PASS	
26	0.1263		PASS	
27	0.1266		PASS	
28	0.1266		PASS	
29	0.1263		PASS	
30	0.1265		PASS	

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			Dev.
Item Number:	3	Minimum	0.0299
Blueprint Dimension:	.030	Maximum	0.0316
Blueprint Tolerance:	±.002	Average	0.0307
USL	0.0320	Range	0.0017
LSL	0.0280	STDEV	0.00060
		Cp	1.11
		Cpk	0.75

S/N	Actual	Dev.	P/F	Remarks
1	0.0315		PASS	
2	0.0315		PASS	
3	0.0316		PASS	
4	0.0316		PASS	
5	0.0304		PASS	
6	0.0306		PASS	
7	0.0305		PASS	
8	0.0300		PASS	
9	0.0306		PASS	
10	0.0306		PASS	
11	0.0305		PASS	
12	0.0302		PASS	
13	0.0305		PASS	
14	0.0305		PASS	
15	0.0299		PASS	
16	0.0299		PASS	
17	0.0302		PASS	
18	0.0305		PASS	
19	0.0301		PASS	
20	0.0301		PASS	
21	0.0306		PASS	
22	0.0315		PASS	
23	0.0305		PASS	
24	0.0305		PASS	
25	0.0300		PASS	
26	0.0316		PASS	
27	0.0303		PASS	
28	0.0316		PASS	
29	0.0300		PASS	
30	0.0316		PASS	