

Part Number Accountability



B&G Precision, Inc.



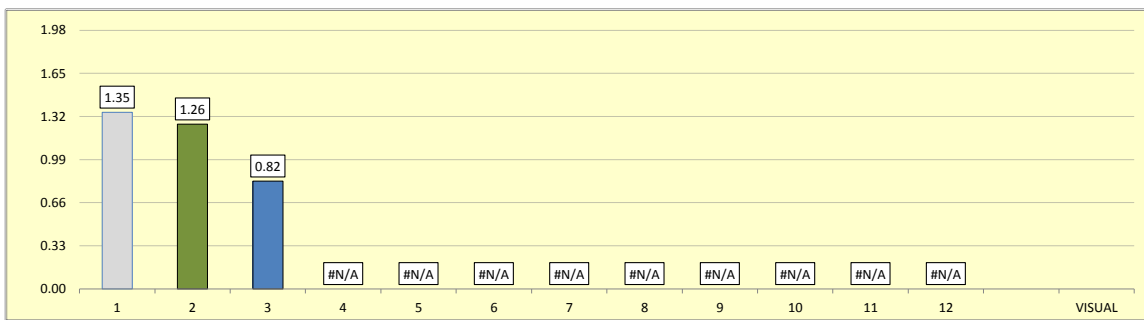
45450 Industrial Place, Fremont, CA. 94538 Tel (510) 438-9785 (10)

Customer: Customer Name
 (9) Job/FAI Number: Job Number
 (1) Part Number: Part Number
 (5) Part Revision: Rev.
 (2) Part Name: Test Part
 (3) Serial Number: N/A

(20) Date (created): 1/28/2013
 QTY: 60
 AQL level: .65
 AQL Intervals: 3
 Sample Size: 20
 Customer PO #: Po # Test 1234

(14) Full F.A.I. (14) Partial F.A.I. (13) Assembly F.A.I. (13) Detail F.A.I.

Process Capability Index Measured in Cpk



6 SIGMA
 5 SIGMA
 4 SIGMA
 3 SIGMA
 2 SIGMA
 1 SIGMA

Item	Feature	USL	LSL	Cp	Ppk	Cpk
1	Dim	1.0600	1.0400	1.69		1.35
2	Dim	0.4400	0.4300	1.63		1.26
3	Diameter	0.7470	0.7450	1.10		0.82
4	#N/A					
5	#N/A					
6	#N/A					
7	#N/A					
8	#N/A					
9	#N/A					
10	#N/A					
11	#N/A					
12	#N/A					
VISUAL						

(4) FAI Report Number: Job Number
 (6) Drawing Number: Part Number
(if different from part number)
 (7) Drawing Revision: Rev.
(if different from part revision)
 (8) Additional Changes: N/A
(incorporated in the product but not listed on the drawing such as deviations or exclusions)

(11) Supplier Code: N/A
(unique number given by a customer)

(19) FAI Prepared by: IQMS; Madelaine P.
(SIGNATURE)

(21) Approved by: 
(SIGNATURE)

Date: 1/28/2013

(22) Date: 2/2/2014

Customer use Only

(23) Customer Approval: _____

(24) Date: _____

Part Number Accountability

Customer Name

(9) Job Number: Job Number
(1) Part Number: Part Number

(5) Part Revision: Rev.
(2) Part Name Test Part

Bill of Material

	Qty (used for assembly)	(15) Part Number	Rev	(16) Part Name	(17) Part Serial Number	(18) F.A.I. Report Number
1	n/a	n/a	n/a	n/a	n/a	n/a
2						
3						
4						
5						
6						
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45						

Product Accountability - Raw Material, Special Processes, Testing

Customer Name

(4) Job/FAI Number: *Job Number*
 (1) Part Number: *Part Number*

(5) Part Revision: *Rev.*
 (2) Part Name: *Test Part*

Product Accountability

(5) Material or Process Name	(6) Specification	(8) Special Process / Supplier Code (name and address)	D.F.A.R.	RoHS	I.T.A.R.	NADCAP	(9) Customer A.V.L. (Yes / No / NA)	(10) C of C (of Purchase order #)	SIGN
Raw Material	1.500" DIA NATURAL HI-DENSITY POLYETHYLENE ROD	<u>SUPPLIER, INC.</u> 1257 Street. Somewhere, CA 94321	YES	N/A	N/A	N/A	Yes	PO# to supplier	QA sign off
1									
2									
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Internal Shipping Paperwork Requirements:

Certificate of Conformance (signed, dated with manufacturing date)	<input type="checkbox"/>	Inspection Report	<input type="checkbox"/>
Packing List	<input type="checkbox"/>	SPC report (if applicable)	<input type="checkbox"/>
Material Certs (including packing list, if applicable)	<input type="checkbox"/>	Bubbled Drawing	<input type="checkbox"/>
Invoice	<input type="checkbox"/>		
Outside Process Certs (and C of C if applicable)	<input type="checkbox"/>		

(13) Comments: _____

(14) Prepared by: IQMS; Madelaine P. (15) Date: 1/28/2013 (11) Functional Test Procedure Number: N/A
 (12) Acceptance Report Number: N/A

Statistical Process Control Chart Data Page

Job Number	Part Number	Description	Quantity	Sample Size	Revision	Sample Interval	Date
Job Number	Part Number	Test Part	60	20	Rev.	3	1/28/2013

Bubble Number	1	2	3	4	5	6	7	Free of burrs and sharp edges.	8	9	10	11	12
Feature	Dim	Dim	Diameter										
SPC Item	13	14	15					2					
Dimension	1.0500	0.4350	0.7460										
Upper Tolerance	.01	.005	.001										
Lower Tolerance	.01	.005	.001										
Upper Specification Limit (USL)	1.0600	0.4400	0.7470										
Lower Specification Limit (LSL)	1.0400	0.4300	0.7450										
NOTE	→												
NAME								VISUAL					
METHOD	↓												
1	1.0540	0.4330	0.7455					PASS					
2	1.0540	0.4330	0.7455					PASS					
3	1.0500	0.4335	0.7455					PASS					
4	1.0500	0.4330	0.7455					PASS					
5	1.0530	0.4330	0.7460					PASS					
6	1.0540	0.4350	0.7455					PASS					
7	1.0530	0.4350	0.7455					PASS					
8	1.0500	0.4340	0.7460					PASS					
9	1.0500	0.4330	0.7455					PASS					
10	1.0480	0.4350	0.7460					PASS					
11	1.0500	0.4350	0.7455					PASS					
12	1.0530	0.4350	0.7465					PASS					
13	1.0540	0.4330	0.7460					PASS					
14	1.0540	0.43200	0.7460					PASS					
15	1.0530	0.43400	0.7460					PASS					
16	1.0500	0.43500	0.7455					PASS					
17	1.0500	0.43500	0.7455					PASS					
18	1.0530	0.43300	0.7460					PASS					
19	1.0540	0.43300	0.7460					PASS					
20	1.0530	0.43500	0.7455					PASS					

NOTES:

	1	2	3	4	5	6	7	8	9	10	11	12	13
Ave	1.052	0.434	0.746										
St Dev.	0.002	0.001	0.000										
Min	1.048	0.432	0.746										
Max	1.054	0.435	0.747										
Range	0.006	0.003	0.001										
Cp	1.69	1.63	1.10										
Cpk	1.35	1.26	0.82										

Statistical Process Control Chart

Job Number
Job Number

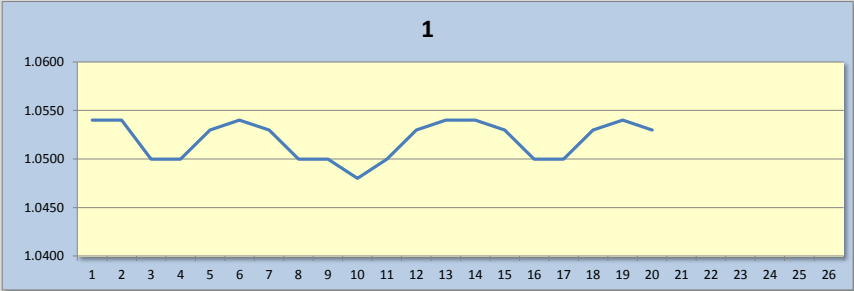
Part Number
Part Number

Revision
Rev.

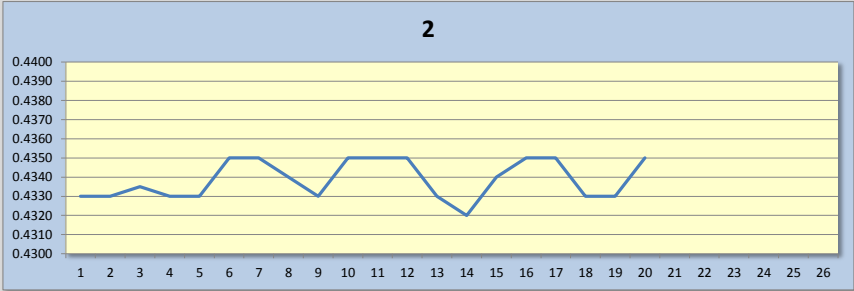
Description
Test Part

Quantity
60

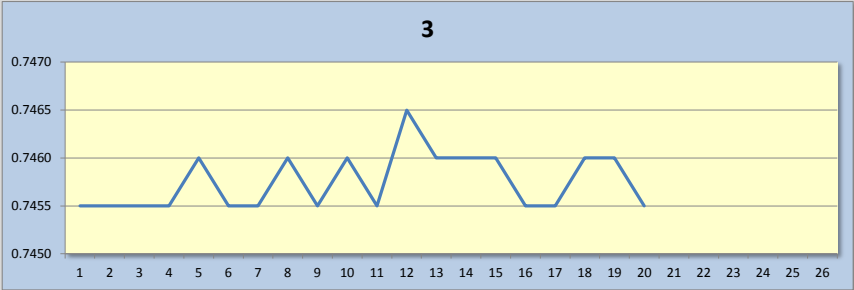
Sample Size
20



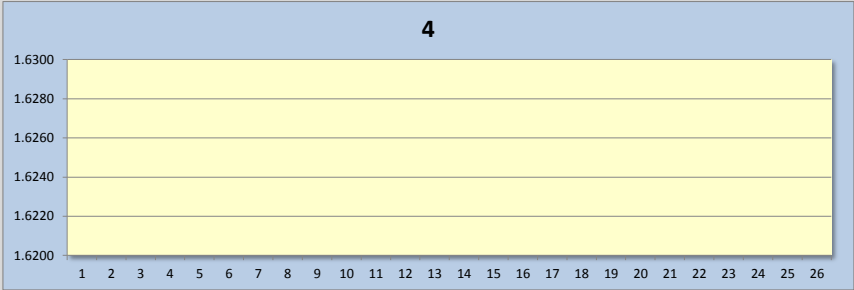
Cp 1.69 USL 1.0600
Cpk 1.35 LSL 1.0400



Cp 1.63 USL 0.4400
Cpk 1.26 LSL 0.4300



Cp 1.10 USL 0.7470
Cpk 0.82 LSL 0.7450



Cp USL
Cpk LSL

Characteristic Accountability, Verification and Compatibility Evaluation

1/28/2013

(4) Job/FAI Number Job Number		(1) Part Number Part Number		Revision Rev.		(2) Description Test Part		Quantity 60		(3) Serial Number							
Criteria								Operator				Quality Control					
(5) Item	(6) Location	(7) SPC minor, major	(8) Feature (requirements)	Dim. in METRIC	Dim. in INCHES	UT Upper Tolerance	LT Lower Tolerance	USL Upper Specification Limit	LSL Lower Specification Limit	(9) Actual	Re-Submit	Name	Work Center	(9) Actual	(9) Actual (metric)	(10) Asset #	Acceptance Authority Media
1	Drawing		Material							CONFORMS	N/A	N/A	N/A	CONFORMS	CONFORMS	Visual	QA sign off
2	Drawing		Note							CONFORMS	N/A	N/A	N/A	CONFORMS	CONFORMS	Visual	QA sign off
3	Drawing		Note							CONFORMS	N/A	N/A	N/A	CONFORMS	CONFORMS	Visual	QA sign off
4	Drawing		Note							CONFORMS	N/A	N/A	N/A	CONFORMS	CONFORMS	Visual	QA sign off
5	Drawing		1-8 UNC-3A	Thread						CONFORMS	N/A	LALO	SEQ # 20 LATHE	CONFORMS	CONFORMS	Asset #	QA sign off
6	Drawing		Dim	3X	1.125	.005	.005	1.1300	1.1200	1.1250	N/A	SHAWN	SEQ#30 MILLS	1.1270	28.6258	Asset #	QA sign off
7	Drawing		1/4 NPT	Thread						CONFORMS	N/A	SHAWN	SEQ#30 MILLS	CONFORMS	CONFORMS	Asset #	QA sign off
8	Drawing		Dim	Thread Relief	0.13	.01	.01	0.1400	0.1200	0.1300	N/A	SU	SEQ # 20 LATHE	0.1304	3.3109	Asset #	QA sign off
9	Drawing		Dim		0.25	.01	.01	0.2600	0.2400	0.2540	N/A	SHAWN	SEQ#30 MILLS	0.2580	6.5532	Asset #	QA sign off
10	Drawing		Dim		0.70	.01	.01	0.7100	0.6900	0.7040	N/A	SHAWN	SEQ#30 MILLS	0.6980	17.7292	Asset #	QA sign off
11	Drawing		Radius		0.04	.01	.01	0.0500	0.0300	0.0400	N/A	LALO	SEQ # 20 LATHE	0.0360	0.9144	Asset #	QA sign off
12	Drawing		Diameter		0.50	.01	.01	0.5100	0.4900	0.5000	N/A	LALO	SEQ # 20 LATHE	0.5005	12.7127	Asset #	QA sign off
13	Drawing	X	Dim		1.05	.01	.01	1.0600	1.0400	1.0500	N/A	LALO	SEQ # 20 LATHE	1.0510	26.6954	Asset #	QA sign off
14	Drawing	X	Dim		0.435	.005	.005	0.4400	0.4300	0.4350	N/A	LALO	SEQ # 20 LATHE	0.4335	11.0109	Asset #	QA sign off
15	Drawing	X	Diameter		0.746	.001	.001	0.7470	0.7450	0.7460	N/A	SU	SEQ # 20 LATHE	0.7455	18.9357	Asset #	QA sign off

(14) COMMENTS: (11) Non Conformance Issued: no (13) Date: 1/28/2013 (12) Prepared by: IQMS; Madelaine P.