

GILLASPIE MFG. INC.

PROCESS CAPABILITY STUDY WORK SHEET

Date: 6/29/2021

Tool #

Part #

Customer:

Inspector:

PROCESS PASS -

PASS = CPK >=1

SPECIFICATION

Dimension: 0.500

Tolerance +/-: 0.0050

Lower Control Limit @ 80% Tolerance

Nominal

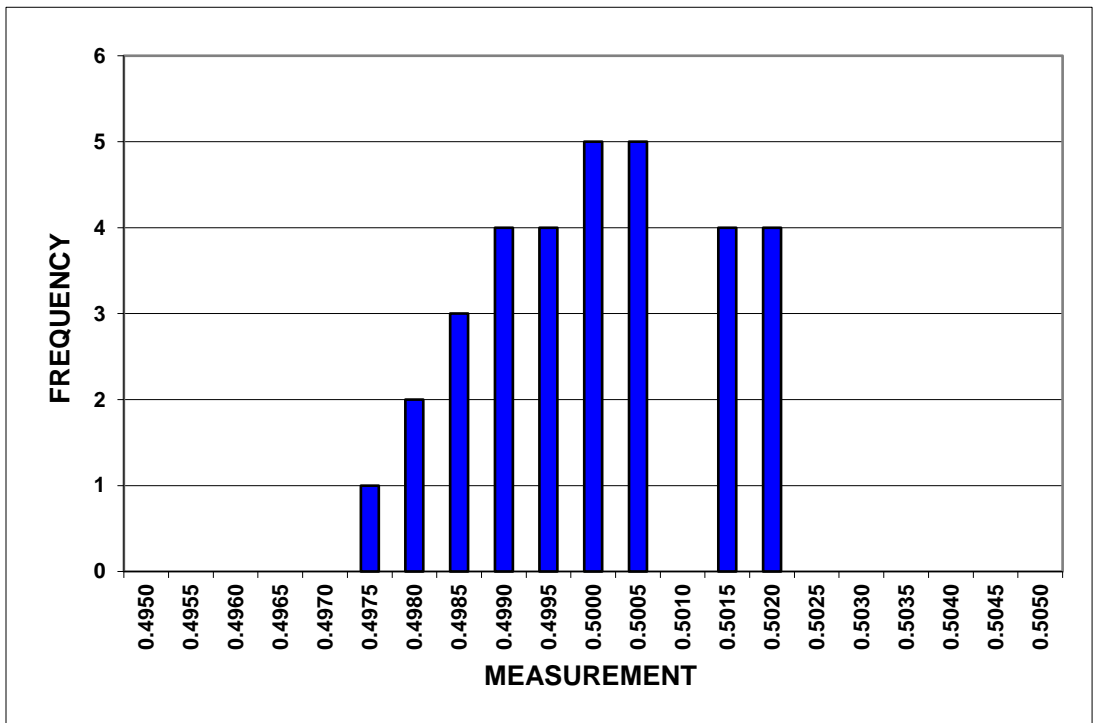
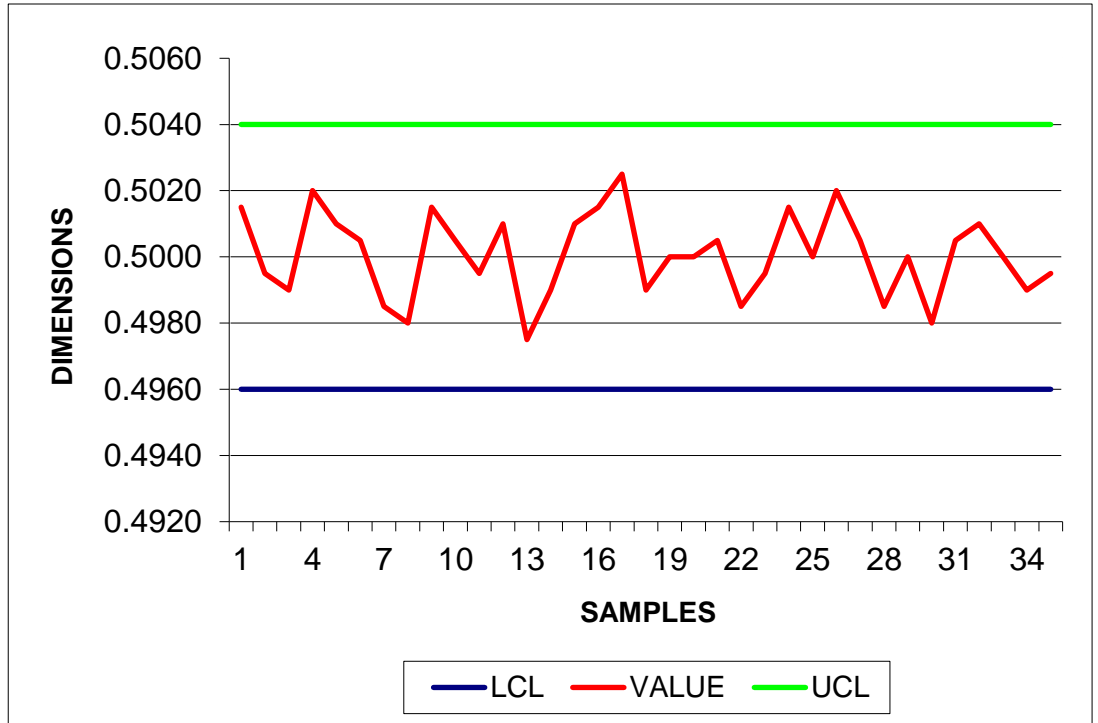
Upper Control Limit @ 80% Tolerance

LCL: 0.4960

0.5000

UCL: 0.5040

#	LCL	VALUE	UCL
1	0.4960	0.5015	0.5040
2	0.4960	0.4995	0.5040
3	0.4960	0.4990	0.5040
4	0.4960	0.5020	0.5040
5	0.4960	0.5010	0.5040
6	0.4960	0.5005	0.5040
7	0.4960	0.4985	0.5040
8	0.4960	0.4980	0.5040
9	0.4960	0.5015	0.5040
10	0.4960	0.5005	0.5040
11	0.4960	0.4995	0.5040
12	0.4960	0.5010	0.5040
13	0.4960	0.4975	0.5040
14	0.4960	0.4990	0.5040
15	0.4960	0.5010	0.5040
16	0.4960	0.5015	0.5040
17	0.4960	0.5025	0.5040
18	0.4960	0.4990	0.5040
19	0.4960	0.5000	0.5040
20	0.4960	0.5000	0.5040
21	0.4960	0.5005	0.5040
22	0.4960	0.4985	0.5040
23	0.4960	0.4995	0.5040
24	0.4960	0.5015	0.5040
25	0.4960	0.5000	0.5040
26	0.4960	0.5020	0.5040
27	0.4960	0.5005	0.5040
28	0.4960	0.4985	0.5040
29	0.4960	0.5000	0.5040
30	0.4960	0.4980	0.5040
31	0.4960	0.5005	0.5040
32	0.4960	0.5010	0.5040
33	0.4960	0.5000	0.5040
34	0.4960	0.4990	0.5040
35	0.4960	0.4995	0.5040



CAPABILITY VALUES

Sample Size =	35
X-BAR (Mean) =	0.5001
1 Sigma (Std. Dev.) =	0.00126
2 Sigma (Std. Dev.) =	0.00253
3 Sigma (Std. Dev.) =	0.00379
UCL =	0.5039
LCL =	0.4963
MAX. VALUE =	0.5025
MIN. VALUE =	0.4975
R (Range) =	0.0050
CP =	1.32
CPK =	1.30