Stability 4th

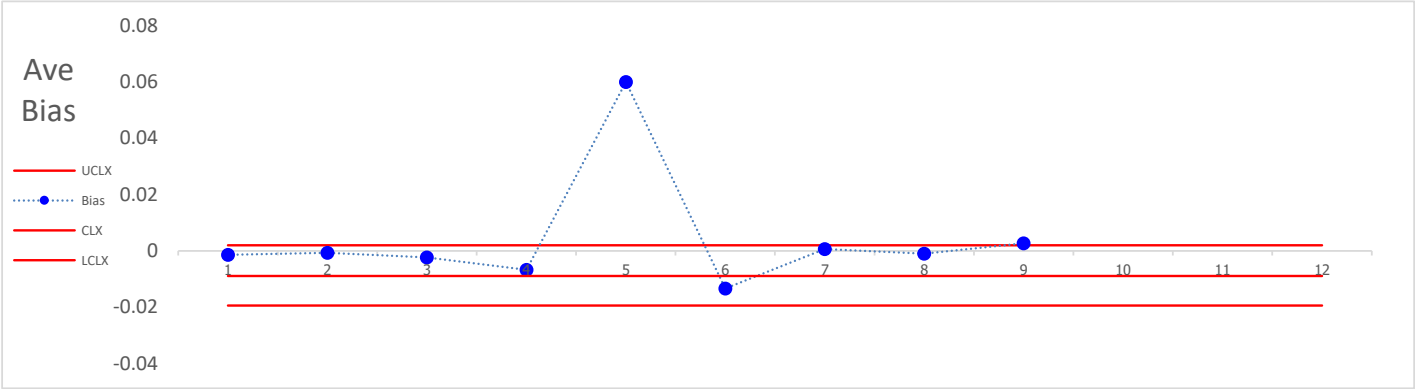
PART Name. :	BOBBIN WITH PIN	Instument Name:	micrometer	Appr Name. :	มานะ
PART NO. :	MK126EF447	Serial Number:	25648	Trials.	3
Characteristic/Specification	ขาว 0.0±2 mm	Resulotion:	0.001		

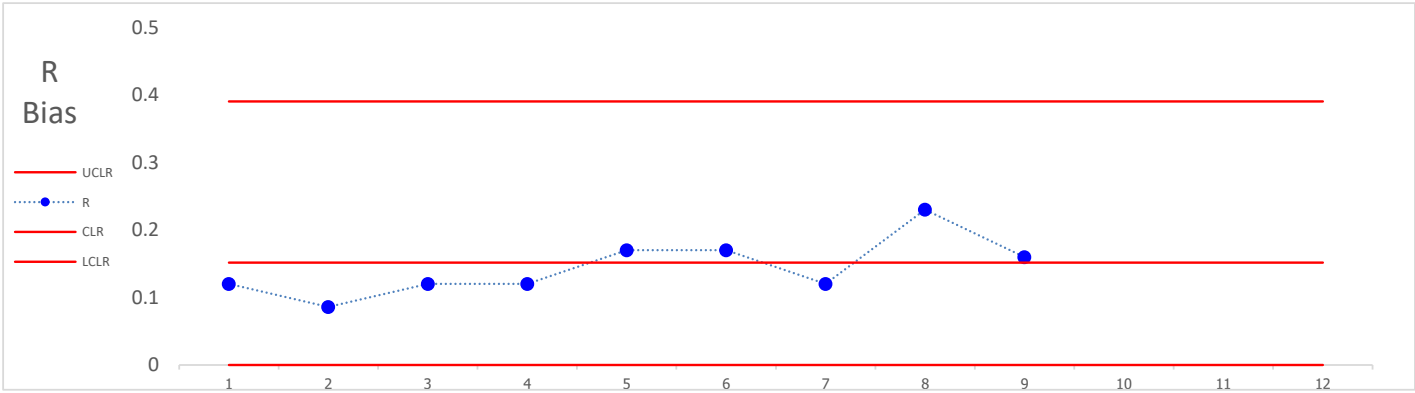
LCL_X	-0.0194	CL_X	-0.0089	UCL_X	0.002	CL_R	0.1516	UCL_R	0.3903

รอบ	1	2	3	4	5	6	7	8	9	10	11	12	
วันที่	25-Jan	18-Feb	19-Mar	25-Apr	27-May	16-Jun	20-Jul	17-Aug	6-Sep	11-Oct	23-Nov	24-Dec	
Reference value	0.348	0.584	0.350	-0.600	1.200	0.550	-0.854	-0.099	0.664				
Measured Values 1	0.290	0.556	0.290	-0.560	1.340	0.470	-0.800	0.020	0.590				
2	0.410	0.554	0.410	-0.680	1.170	0.500	-0.920	-0.110	0.750				
3	0.340	0.640	0.343	-0.580	1.270	0.640	-0.840	-0.210	0.660				
Ave	0.347	0.583	0.348	-0.607	1.260	0.537	-0.853	-0.100	0.667				0.2423
R	0.120	0.086	0.120	0.120	0.170	0.170	0.120	0.230	0.160				0.1440

รอบ	1	2	3	4	5	6	7	8	9	10	11	12	
Bias 1	-0.058	-0.028	-0.06	0.04	0.14	-0.08	0.054	0.119	-0.074				
2	0.062	-0.03	0.06	-0.08	-0.03	-0.05	-0.066	-0.011	0.086				
3	-0.008	0.056	-0.007	0.02	0.07	0.09	0.014	-0.111	-0.004				
Ave	-0.001	-0.001	-0.002	-0.007	0.060	-0.013	0.001	-0.001	0.003				0.0042
R	0.120	0.086	0.120	0.120	0.170	0.170	0.120	0.230	0.160				0.1440

Result													
	Bias	Pass	Pass	Pass	Pass	Reject	Pass	Pass	Pass	Reject			
	Repeat	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass			





A2 and D3 and D4 are constant Value received from staitstical table

Trials.	A2	D3	D4
2	1.880	0.000	3.267
3	1.023	0.000	2.575

A2	D3	D4
1.023	0.000	2.575

New			
	$\overline{R}$=		0.1440
	$\overline{\overline{X}}$ =		0.0042
	UCL_R=	$\overline{R}$ x D_4=	0.3708
	LCL_R=	$\overline{R}$ x D_3=	0.0000
	UCL_x =	$\overline{\overline{X}}$ + A2*R	0.152
	LCL_x =	$\overline{\overline{X}}$ - A2*R	-0.143