Inspection Checksheet			
Inspection Agency	CNA (OF), Pune	File number	5752
SO Number	AFK SO NO GEMC-511687713116852	SO Date	3/7/2024
Name of the Firm	M/s MICRO INDIA ENGINEERING	Offer Date	7/5/2025
Qty on Order	2033 Pieces	Qty Submitted	953 Pieces
Component	DISK SEPERATOR	Drawing No.	DLG/MCDJ/DISK SEPERATOR/01
Sub-assembly/Assembly		Verified by	B N DIVEKAR CTO (MECH)
End Use: Main store	KAVACH ROCKET	Inspected by	MANISH SHARMA GE(MECH)

Parameters	Date	O.D	Date	I.D	Date	Thickness	Date	Weight
USL		89		23		1.15		7.5
LSL		88		22		0.85		5.5
Nominal		88.5		22.5		1.00		6.5
1	7/5/2025	88.71	7/5/2025	22.58	7/5/2025	1.02	7/5/2025	6.49
2	7/5/2025	88.72	7/5/2025	22.59	7/5/2025	1.03	7/5/2025	6.4
3	7/5/2025	88.61	7/5/2025	22.55	7/5/2025	1.01	7/5/2025	6.57
4	7/5/2025	88.56	7/5/2025	22.58	7/5/2025	0.97	7/5/2025	6.67
5	7/5/2025	88.47	7/5/2025	22.52	7/5/2025	1.02	7/5/2025	6.52
6	7/5/2025	88.56	7/5/2025	22.58	7/5/2025	1	7/5/2025	6.53
7	7/5/2025	88.75	7/5/2025	22.68	7/5/2025	0.98	7/5/2025	6.44
8	7/5/2025	88.6	7/5/2025	22.47	7/5/2025	1.02	7/5/2025	6.48
9	7/5/2025	88.48	7/5/2025	22.61	7/5/2025	1.01	7/5/2025	6.61
10	7/5/2025	88.49	7/5/2025	22.6	7/5/2025	1.01	7/5/2025	6.4
11	7/5/2025	88.57	7/5/2025	22.58	7/5/2025	0.99	7/5/2025	6.39
12	7/5/2025	88.7	7/5/2025	22.66	7/5/2025	1	7/5/2025	6.4
13	7/5/2025	88.44	7/5/2025	22.58	7/5/2025	0.99	7/5/2025	6.61
14	7/5/2025	88.62	7/5/2025	22.57	7/5/2025	1.02	7/5/2025	6.58
15	7/5/2025	88.78	7/5/2025	22.64	7/5/2025	1.01	7/5/2025	6.73
16	7/5/2025	88.5	7/5/2025	22.6	7/5/2025	0.9	7/5/2025	6.62
17	7/5/2025	88.62	7/5/2025	22.52	7/5/2025	0.99	7/5/2025	6.5
18	7/5/2025	88.42	7/5/2025	22.54	7/5/2025	1	7/5/2025	6.7
19	7/5/2025	88.5	7/5/2025	22.7	7/5/2025	1	7/5/2025	6.45
20	7/5/2025	88.61	7/5/2025	22.6	7/5/2025	1.12	7/5/2025	6.63
21	7/5/2025	88.64	7/5/2025	22.65	7/5/2025	1.04	7/5/2025	6.57
22	7/5/2025	88.44	7/5/2025	22.52	7/5/2025	1	7/5/2025	6.5
23	7/5/2025	88.66	7/5/2025	22.46	7/5/2025	1.04	7/5/2025	6.42
24	7/5/2025	88.4	7/5/2025	22.64	7/5/2025	1	7/5/2025	6.5
25	7/5/2025	88.41	7/5/2025	22.5	7/5/2025	1.02	7/5/2025	6.42
26	7/5/2025	88.71	7/5/2025	22.55	7/5/2025	1.01	7/5/2025	6.55

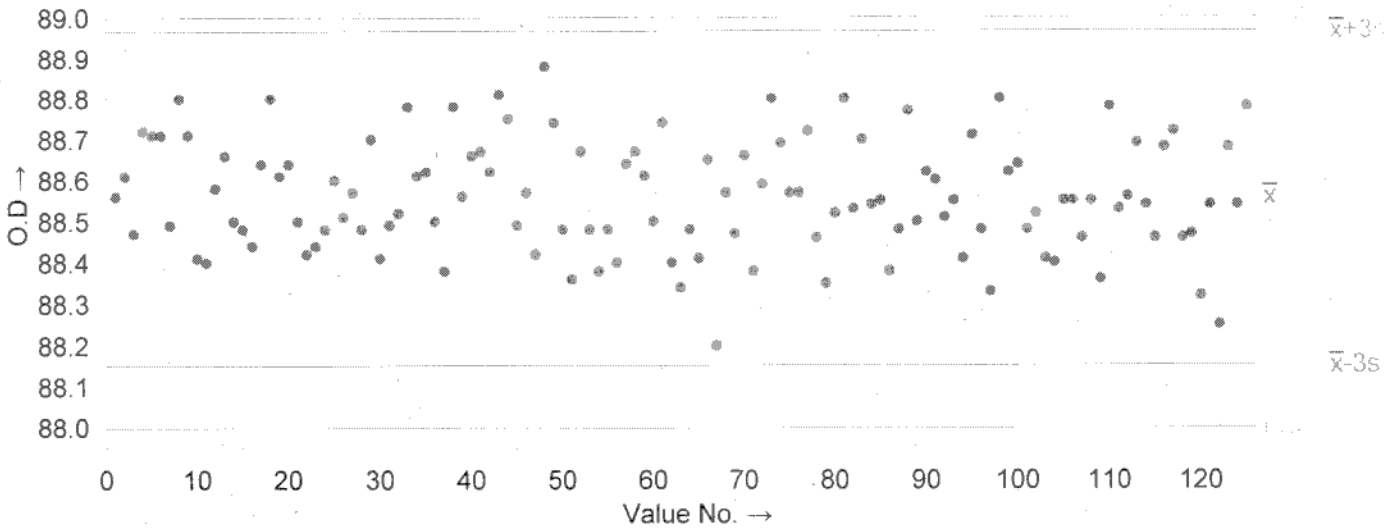
27	7/5/2025	88.58	7/5/2025	22.6	7/5/2025	1.02	7/5/2025	6.53
28	7/5/2025	88.8	7/5/2025	22.41	7/5/2025	0.99	7/5/2025	6.36
29	7/5/2025	88.71	7/5/2025	22.42	7/5/2025	0.95	7/5/2025	6.42
30	7/5/2025	88.49	7/5/2025	22.6	7/5/2025	1.04	7/5/2025	6.44
31	7/5/2025	88.5	7/5/2025	22.63	7/5/2025	1.01	7/5/2025	6.57
32	7/5/2025	88.48	7/5/2025	22.64	7/5/2025	1.06	7/5/2025	6.39
33	7/5/2025	88.61	7/5/2025	22.67	7/5/2025	0.099	7/5/2025	6.49
34	7/5/2025	88.64	7/5/2025	22.69	7/5/2025	1	7/5/2025	6.41
35	7/5/2025	88.8	7/5/2025	22.57	7/5/2025	1.02	7/5/2025	6.54
36	7/5/2025	88.48	7/5/2025	22.71	7/5/2025	1.02	7/5/2025	6.5
37	7/5/2025	88.52	7/5/2025	22.49	7/5/2025	0.97	7/5/2025	6.58
38	7/5/2025	88.49	7/5/2025	22.6	7/5/2025	0.99	7/5/2025	6.59
39	7/5/2025	88.57	7/5/2025	22.52	7/5/2025	1.04	7/5/2025	6.56
40	7/5/2025	88.51	7/5/2025	22.43	7/5/2025	1.02	7/5/2025	6.39
41	7/5/2025	88.41	7/5/2025	22.58	7/5/2025	1.04	7/5/2025	6.61
42	7/5/2025	88.78	7/5/2025	22.35	7/5/2025	1.01	7/5/2025	6.47
43	7/5/2025	88.38	7/5/2025	22.54	7/5/2025	0.98	7/5/2025	6.6
44	7/5/2025	88.66	7/5/2025	22.48	7/5/2025	1.05	7/5/2025	6.52
45	7/5/2025	88.67	7/5/2025	22.49	7/5/2025	1	7/5/2025	6.48
46	7/5/2025	88.81	7/5/2025	22.25	7/5/2025	1.03	7/5/2025	6.48
47	7/5/2025	88.77	7/5/2025	22.53	7/5/2025	1	7/5/2025	6.71
48	7/5/2025	88.38	7/5/2025	22.51	7/5/2025	1.04	7/5/2025	6.66
49	7/5/2025	88.54	7/5/2025	22.67	7/5/2025	0.99	7/5/2025	6.56
50	7/5/2025	88.7	7/5/2025	22.49	7/5/2025	1.01	7/5/2025	6.47
51	7/5/2025	88.57	7/5/2025	22.6	7/5/2025	0.99	7/5/2025	6.48
52	7/5/2025	88.8	7/5/2025	22.7	7/5/2025	0.99	7/5/2025	6.5
53	7/5/2025	88.47	7/5/2025	22.65	7/5/2025	1.02	7/5/2025	6.53
54	7/5/2025	88.2	7/5/2025	22.6	7/5/2025	0.98	7/5/2025	6.34
55	7/5/2025	88.41	7/5/2025	22.58	7/5/2025	0.98	7/5/2025	6.62
56	7/5/2025	88.48	7/5/2025	22.55	7/5/2025	1.02	7/5/2025	6.56
57	7/5/2025	88.34	7/5/2025	22.69	7/5/2025	1.01	7/5/2025	6.46
58	7/5/2025	88.74	7/5/2025	22.52	7/5/2025	0.99	7/5/2025	6.65
59	7/5/2025	88.61	7/5/2025	22.7	7/5/2025	1.07	7/5/2025	6.48
60	7/5/2025	88.64	7/5/2025	22.55	7/5/2025	0.99	7/5/2025	6.44
61	7/5/2025	88.4	7/5/2025	22.17	7/5/2025	1.03	7/5/2025	6.42
62	7/5/2025	88.48	7/5/2025	22.5	7/5/2025	1	7/5/2025	6.48
63	7/5/2025	88.48	7/5/2025	22.55	7/5/2025	0.99	7/5/2025	6.54
64	7/5/2025	88.36	7/5/2025	22.65	7/5/2025	1.02	7/5/2025	6.57
65	7/5/2025	88.74	7/5/2025	22.48	7/5/2025	0.99	7/5/2025	6.58
66	7/5/2025	88.88	7/5/2025	22.48	7/5/2025	0.98	7/5/2025	6.39
67	7/5/2025	88.42	7/5/2025	22.45	7/5/2025	1.02	7/5/2025	6.51

68	7/5/2025	88.48	7/5/2025	22.54	7/5/2025	0.9	7/5/2025	6.51
69	7/5/2025	88.67	7/5/2025	22.22	7/5/2025	1.01	7/5/2025	6.46
70	7/5/2025	88.38	7/5/2025	22.6	7/5/2025	1.01	7/5/2025	6.41
71	7/5/2025	88.67	7/5/2025	22.25	7/5/2025	1	7/5/2025	6.4
72	7/5/2025	88.5	7/5/2025	22.52	7/5/2025	1.02	7/5/2025	6.54
73	7/5/2025	88.4	7/5/2025	22.35	7/5/2025	1.02	7/5/2025	6.51
74	7/5/2025	88.65	7/5/2025	22.4	7/5/2025	1.04	7/5/2025	6.52
75	7/5/2025	88.57	7/5/2025	22.48	7/5/2025	1.01	7/5/2025	6.6
76	7/5/2025	88.66	7/5/2025	22.56	7/5/2025	1.01	7/5/2025	6.47
77	7/5/2025	88.38	7/5/2025	22.58	7/5/2025	1	7/5/2025	6.55
78	7/5/2025	88.59	7/5/2025	22.4	7/5/2025	1.01	7/5/2025	6.5
79	7/5/2025	88.69	7/5/2025	22.58	7/5/2025	1.01	7/5/2025	6.6
80	7/5/2025	88.53	7/5/2025	22.4	7/5/2025	1.02	7/5/2025	6.55
81	7/5/2025	88.8	7/5/2025	22.25	7/5/2025	0.99	7/5/2025	6.4
82	7/5/2025	88.52	7/5/2025	22.55	7/5/2025	0.98	7/5/2025	6.53
83	7/5/2025	88.46	7/5/2025	22.48	7/5/2025	1.04	7/5/2025	6.35
84	7/5/2025	88.57	7/5/2025	22.6	7/5/2025	0.98	7/5/2025	6.47
85	7/5/2025	88.72	7/5/2025	22.56	7/5/2025	1.02	7/5/2025	6.41
86	7/5/2025	88.35	7/5/2025	22.63	7/5/2025	1	7/5/2025	6.48
87	7/5/2025	88.55	7/5/2025	22.49	7/5/2025	1.06	7/5/2025	6.44
88	7/5/2025	88.48	7/5/2025	22.62	7/5/2025	0.99	7/5/2025	6.41
89	7/5/2025	88.5	7/5/2025	22.48	7/5/2025	0.99	7/5/2025	6.53
90	7/5/2025	88.55	7/5/2025	22.57	7/5/2025	0.99	7/5/2025	6.49
91	7/5/2025	88.33	7/5/2025	22.57	7/5/2025	1.02	7/5/2025	6.35
92	7/5/2025	88.48	7/5/2025	22.63	7/5/2025	1	7/5/2025	6.53
93	7/5/2025	88.41	7/5/2025	22.6	7/5/2025	1.02	7/5/2025	6.42
94	7/5/2025	88.55	7/5/2025	22.57	7/5/2025	0.99	7/5/2025	6.39
95	7/5/2025	88.36	7/5/2025	22.6	7/5/2025	0.9	7/5/2025	6.38
96	7/5/2025	88.53	7/5/2025	22.65	7/5/2025	0.99	7/5/2025	6.54
97	7/5/2025	88.69	7/5/2025	22.5	7/5/2025	0.99	7/5/2025	6.74
98	7/5/2025	88.72	7/5/2025	22.58	7/5/2025	1.05	7/5/2025	6.44
99	7/5/2025	88.54	7/5/2025	22.62	7/5/2025	0.99	7/5/2025	6.51
100	7/5/2025	88.68	7/5/2025	22.4	7/5/2025	1	7/5/2025	6.61
101	7/5/2025	88.78	7/5/2025	22.53	7/5/2025	1.02	7/5/2025	6.66
102	7/5/2025	88.54	7/5/2025	22.45	7/5/2025	1.06	7/5/2025	6.5
103	7/5/2025	88.25	7/5/2025	22.47	7/5/2025	1.01	7/5/2025	6.6
104	7/5/2025	88.32	7/5/2025	22.48	7/5/2025	1.02	7/5/2025	6.33
105	7/5/2025	88.47	7/5/2025	22.62	7/5/2025	1.02	7/5/2025	6.43
106	7/5/2025	88.46	7/5/2025	22.64	7/5/2025	1	7/5/2025	6.43
107	7/5/2025	88.68	7/5/2025	22.17	7/5/2025	0.98	7/5/2025	6.37
108	7/5/2025	88.46	7/5/2025	22.7	7/5/2025	1.02	7/5/2025	6.47

109	7/5/2025	88.54	7/5/2025	22.43	7/5/2025	0.99	7/5/2025	6.43
110	7/5/2025	88.56	7/5/2025	22.6	7/5/2025	0.98	7/5/2025	6.69
111	7/5/2025	88.78	7/5/2025	22.76	7/5/2025	1.04	7/5/2025	6.45
112	7/5/2025	88.55	7/5/2025	22.6	7/5/2025	0.99	7/5/2025	6.5
113	7/5/2025	88.46	7/5/2025	22.61	7/5/2025	0.99	7/5/2025	6.55
114	7/5/2025	88.55	7/5/2025	22.63	7/5/2025	1.02	7/5/2025	6.47
115	7/5/2025	88.4	7/5/2025	22.67	7/5/2025	0.98	7/5/2025	6.41
116	7/5/2025	88.52	7/5/2025	22.48	7/5/2025	1.02	7/5/2025	6.46
117	7/5/2025	88.64	7/5/2025	22.6	7/5/2025	1	7/5/2025	6.68
118	7/5/2025	88.62	7/5/2025	22.64	7/5/2025	1.02	7/5/2025	6.5
119	7/5/2025	88.8	7/5/2025	22.53	7/5/2025	1.1	7/5/2025	6.48
120	7/5/2025	88.48	7/5/2025	22.5	7/5/2025	1.02	7/5/2025	6.4
121	7/5/2025	88.71	7/5/2025	22.5	7/5/2025	0.98	7/5/2025	6.45
122	7/5/2025	88.41	7/5/2025	22.34	7/5/2025	1	7/5/2025	6.62
123	7/5/2025	88.51	7/5/2025	22.56	7/5/2025	1.02	7/5/2025	6.42
124	7/5/2025	88.6	7/5/2025	22.62	7/5/2025	0.98	7/5/2025	6.32
125	7/5/2025	88.62	7/5/2025	22.7	7/5/2025	0.95	7/5/2025	6.44

HEXAGON MCA/CMM Reporting

Op.Name.	NN	Evaluation	from	7/5/2025 12:00:00 AM	to	7/5/2025 12:00:00 AM	
Part no.	5752	OP no.				Drw.No.	DLG/MCDJ/DISK
Part descr.	DISK SEPERATOR				Mach.Descr.		
Char.No.	1	Char.Descr.	O.D				
Char.Class	critical	Calc.Tol.	1.000	USL	89.000	Subgr.size	5
Nom.val.	88.500	Unit		LSL	88.000	Subgr.type	fixed
Char. Remark							



Drawing Values			Collected Values			Statistics		
T_m	=	88.500	$\tilde{x}$	=	88.5500	$\bar{x}$	=	88.55952
LSL	=	88.000	x_{min}	=	88.200	s	=	0.136
USL	=	89.000	x_{max}	=	88.880	$X_{50\%}$	=	88.55952
T	=	1.000	R	=	0.680	$X_{0.135\%}$	=	88.15225
Char.Class	=	critical	n_{eff}	=	125	$X_{99.865\%}$	=	88.96679
			n_{tot}	=	125	6s	=	0.81455
			$n_{<T>}$		125 / 100.00000%	$p_{<T>}$	=	99.93930 %
			$n_{>USL}$	=	0/0.00000%	$p_{>USL}$	=	0.05882%
			$n_{<LSL}$	=	0/0.00000%	$p_{<LSL}$	=	0.00188%

Anderson Darling Test — H_0 : Subgroup is derived from a Normal distribution

P-Value = 0.1148

Distribution = Normal Distribution

Calculation method: $M_{2,1}$ Percentile (0.135%-50%-99.865%)

Potential Capability index	C_p	1.07 ≤ **1.23** ≤ 1.38	0 — 1.33
Critical capability index	C_{pk}	0.93 ≤ **1.08** ≤ 1.23	0 — 1.33

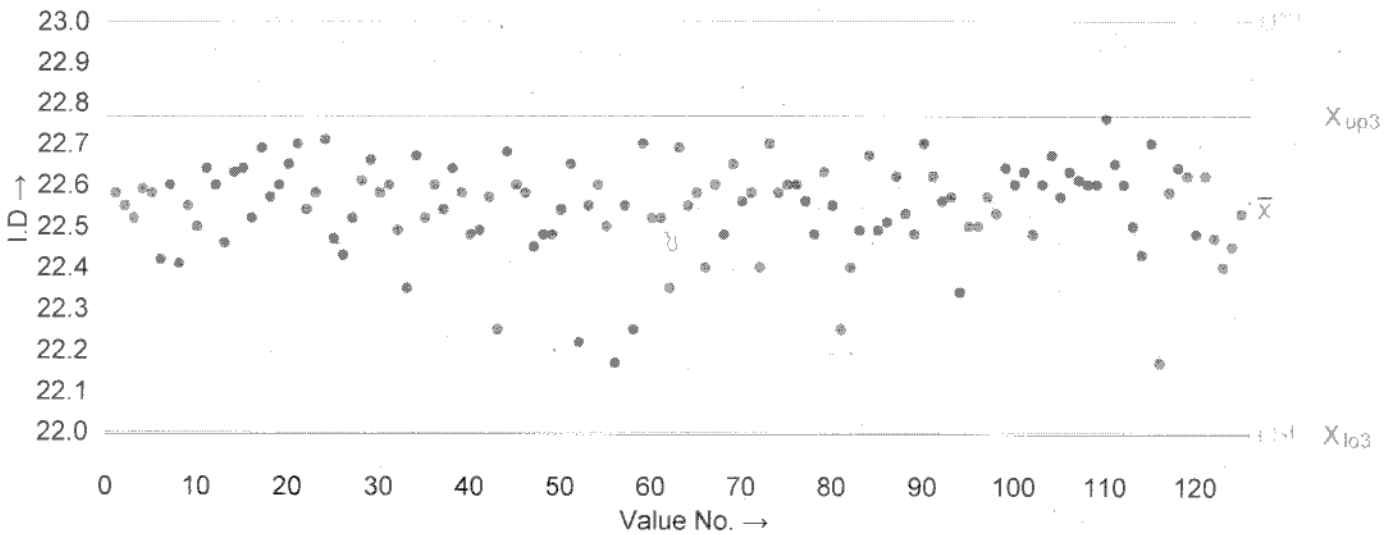
The requirements were not met (C_p,C_{pk},LV)

Demand Potential Capability index	$C_{p\,target}$	1.33
Demand Critical capability index	$C_{pk\,target}$	1.33

⊕ Q-DAS Process Capability (04/2022)

HEXAGON MCA/CMM Reporting

Op.Name.	NN	Evaluation	from	7/5/2025 12:00:00 AM	to	7/5/2025 12:00:00 AM	
Part no.	5752	OP no.				Drw.No.	DLG/MCDJ/DISK
Part descr.	DISK SEPERATOR					Mach.Descr.	
Char.No.	2	Char.Descr.	I.D				
Char.Class	critical	Calc.Tol.	1.000	USL	23.000	Subgr.size	5
Nom.val.	22.500	Unit		LSL	22.000	Subgr.type	fixed
Char. Remark							



Drawing Values			Collected Values			Statistics		
T_m	=	22.500	$\tilde{x}$	=	22.5700	$\bar{x}$	=	22.54416
LSL	=	22.000	x_{min}	=	22.170	s	=	0.111
USL	=	23.000	x_{max}	=	22.760	$X_{50\%}$	=	1716424.84167
T	=	1.000	R	=	0.590	$X_{0.135\%}$	=	21.99541 [rt]
Char.Class	=	critical	n_{eff}	=	125	$X_{99.865\%}$	=	22.76668 [rt]
			n_{tot}	=	125	X_{up3}-X_{lo3}	=	0.77127 [rt]
			$n_{<T>}$		125 / 100.00000%	$p_{<T>}$	=	99.85800 %
			$n_{>USL}$	=	0/0.00000%	$p_{>USL}$	=	0.00000%
			$n_{<LSL}$	=	0/0.00000%	$p_{<LSL}$	=	0.14200%

Anderson Darling Test — H_1*** : Subgroup is NOT derived from a Normal distribution

P-Value — < 0.001

Distribution = Weibull distribution

Calculation method — $M_{2,1}$ Percentile (0.135%-50%-99.865%)

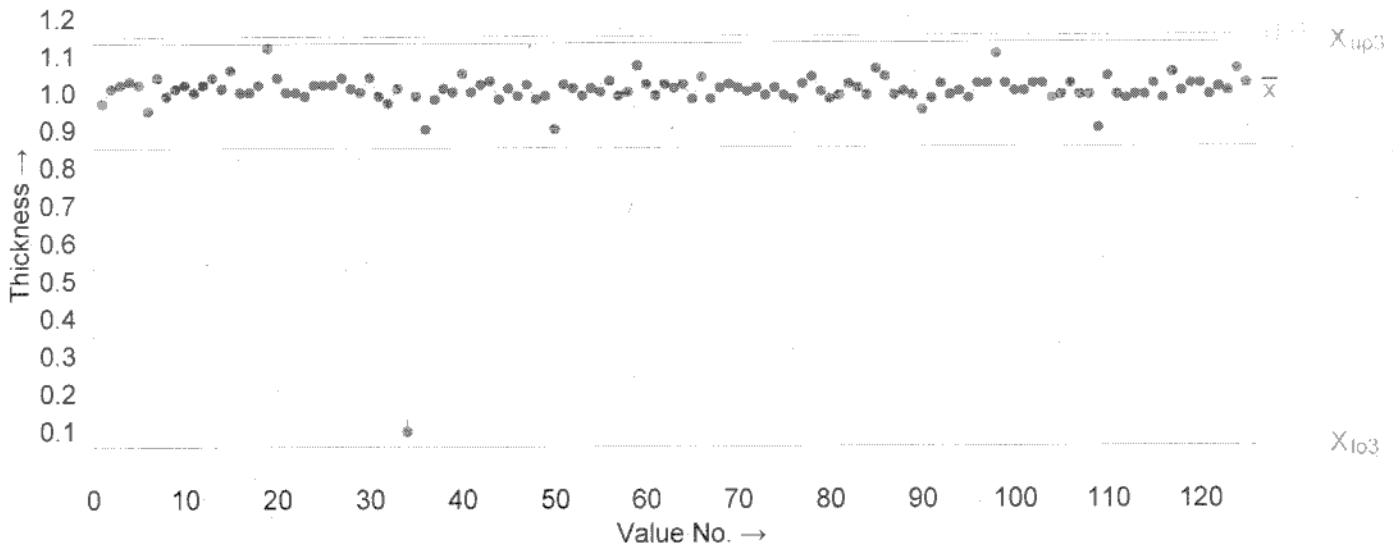
Potential Capability index	C_p	1.14 ≤ **1.30** ≤ 1.46	0 1.33
Critical capability index	C_{pk}	0.86 ≤ **0.99** ≤ 1.13	0 1.33

The requirements were not met (C_p,C_{pk},LV)

Demand Potential Capability index	$C_{p\,target}$	1.33
Demand Critical capability index	$C_{pk\,target}$	1.33

⊕ Q-DAS Process Capability (04/2022)

Op.Name.	NN	Evaluation	from	7/5/2025 12:00:00 AM	to	7/5/2025 12:00:00 AM	
Part no.	5752	OP no.				Drw.No.	DLG/MCDJ/DISK
Part descr.	DISK SEPERATOR				Mach.Descr.		
Char.No.	3	Char.Descr.	Thickness				
Char.Class	critical	Calc.Tol.	0.300	USL 1.150	Subgr.size	5	
Nom.val.	1.000	Unit		LSL 0.850	Subgr.type	fixed	
Char. Remark							



Drawing Values			Collected Values			Statistics		
T_m	=	1.000	$\tilde{x}$	=	1.0100	$\bar{x}$	=	0.99927
LSL	=	0.850	x_{min}	=	0.099	s	=	0.0866
USL	=	1.150	x_{max}	=	1.120	$X_{50\%}$	=	1.00611
T	=	0.300	R	=	1.021	$X_{0.135\%}$	=	0.05895
Char.Class	=	critical	n_{eff}	=	125	$X_{99.865\%}$	=	1.13169
			n_{tot}	=	125	X_{up3}-X_{lo3}	=	1.07274
			$n_{<T>}$		124 / 99.20000%	$p_{<T>}$	=	99.16192 %
			$n_{>USL}$	=	0/0.00000%	$p_{>USL}$	=	0.02927%
			$n_{<LSL}$	=	1/0.80000%	$p_{<LSL}$	=	0.80881%

Anderson Darling Test — H_1*** : Subgroup is NOT derived from a Normal distribution

P-Value — < 0.001

Distribution = Mixed distribution (EM)

Calculation method — $M_{2,1}$ Percentile (0.135%-50%-99.865%)

Potential performance index	P_p	0.24 ≤ **0.28** ≤ 0.31	0	1.33
Critical performance index	P_{pk}	0.10 ≤ **0.16** ≤ 0.23	0	1.33

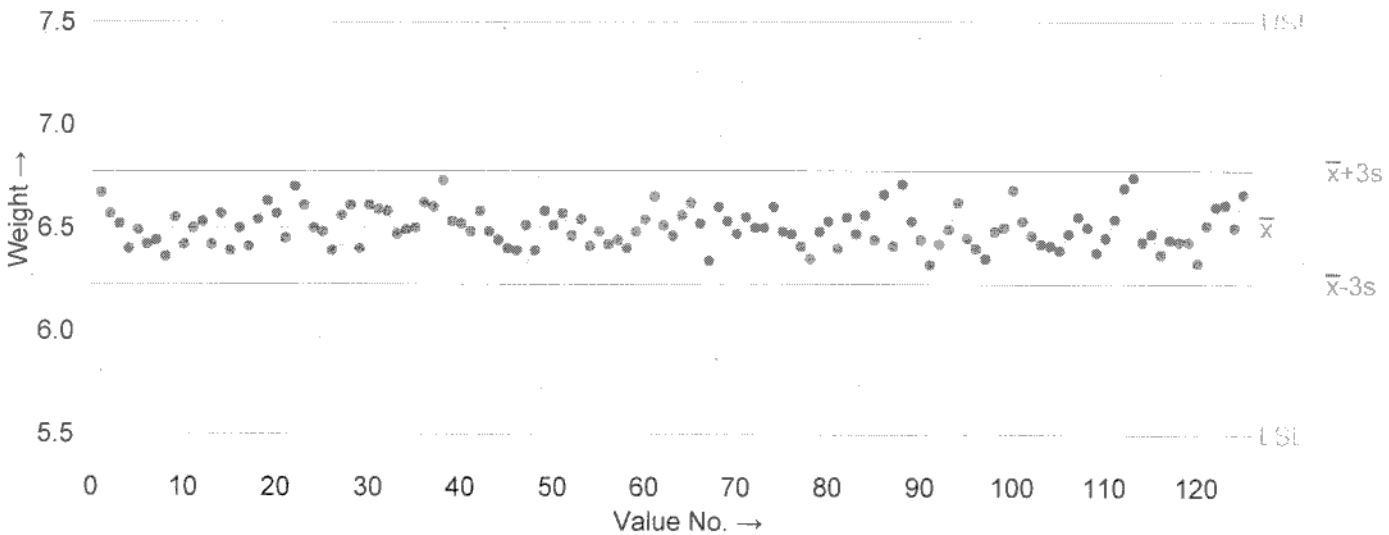
The requirements were not met (P_p,P_{pk},LV)

Demand Potential performance index	$P_{p\ target}$	1.33
Demand Critical performance index	$P_{pk\ target}$	1.33

⊕ Q-DAS Process Capability (04/2022)

HEXAGON MCA/CMM Reporting

Op.Name.	NN	Evaluation	from	7/5/2025 12:00:00 AM	to	7/5/2025 12:00:00 AM	
Part no.	5752	OP no.				Drw.No.	DLG/MCDJ/DISK
Part descr.	DISK SEPERATOR				Mach.Descr.		
Char.No.	4	Char.Descr.	Weight				
Char.Class	critical	Calc.Tol.	2.000	USL 7.500	Subgr.size	5	
Nom.val.	6.500	Unit		LSL 5.500	Subgr.type	fixed	
Char. Remark							



Drawing Values			Collected Values			Statistics		
T_m	=	6.500	$\tilde{x}$	=	6.5000	$\bar{x}$	=	6.50128
LSL	=	5.500	x_{min}	=	6.320	s	=	0.0914
USL	=	7.500	x_{max}	=	6.740	$X_{50\%}$	=	6.50128
T	=	2.000	R	=	0.420	$X_{0.135\%}$	=	6.22723
Char.Class	=	critical	n_{eff}	=	125	$X_{99.865\%}$	=	6.77533
			n_{tot}	=	125	6s	=	0.54811
			$n_{<T>}$		125 / 100.00000%	$p_{<T>}$	=	100.00000 %
			$n_{>USL}$	=	0/0.00000%	$p_{>USL}$	=	0.00000%
			$n_{<LSL}$	=	0/0.00000%	$p_{<LSL}$	=	0.00000%

Anderson Darling Test — H_0 : Subgroup is derived from a Normal distribution

P-Value = 0.0856

Distribution = Normal Distribution

Calculation method: $M_{2,1}$ Percentile (0.135%-50%-99.865%)

Potential Capability index	C_p	3.20 ≤ **3.65** ≤ 4.10	0 1.33
Critical capability index	C_{pk}	3.19 ≤ **3.64** ≤ 4.10	0 1.33

The requirements were met (C_p,C_{pk},LV)

Demand Potential Capability index	$C_{p\,target}$	1.33
Demand Critical capability index	$C_{pk\,target}$	1.33

⊕ Q-DAS Process Capability (04/2022)