

2001

65

:

1

13

10

.(10)

1. (Product Liability)
2. (R&R)
3. 4
4. (6가)
5. (Process Approach)
- 6.
7. 6σ DMAIC
8. Single - PPM
- 9.
- 10.
11. (Bench Marking)
12. QC(On - Line Quality control) QC(Off - Line Quality control)
13. (CSM)

2

6

4

.(25)

1. .
2. QC 7가
3. 3 5S
4. Bath - Tub
- 2가 .
5. (Process Capability) Out Put
가 . (CP)
(4가) .
- 6.

:

5.

$$, F(3,6;0.05) = 4.76$$

$$F(2,6;0.05)=5.14$$

$$F(3,6;0.01) = 9.78$$

$$F(2,6;0.01)=10.9$$

	A_1	A_2	A_3	A_4
B_1	47.5	48.5	48.9	47.9
B_2	47.2	48.1	47.9	47.6
B_3	46.6	46.8	47.8	46.4

6.

100

(ri)

(ki)

가

ti	ri	ki
200	0	1
300	0	2
400	1	3
400	1	1

:

3

6 4 .(25)

1. (6가) (8가)

2. ISO9000 KS

3. (4가)

가?

4. MTBF(Mean Time Between Failure) (5가)

5. OC

6. EVOP(Evolutionary Operation)

4

6 4 .(25)

1. 5가 , .

2. SQC 가 3가 .

3. 1 2 가 . (: %)

1	85.5	87.4	86.9	87.1	87.3	85.1	85.3
2	89.2	87.7	87.5	87.8	91.3	89.3	88.3

$\sigma_1 = \sigma_2 = 2.00(\%)$ 가 1 2 가 가
 $\alpha = 0.05$.

4. n=4, k=25

$\bar{\bar{X}} = 11.32, \bar{R} = 1.45$. $\bar{\bar{X}} - R$ UCL, CL, LCL

가 가? , n=4 , $A_2 = 0.73, D_4 = 2.28, D_3 = \underline{\hspace{1cm}}$.