



STATISTICAL ANALYSIS METHODS for SPC

PROCESS CAPABILITY METHODS

1. Audi AG
2. Bosch 2001
3. CNOMO
4. Ford EU 882/1991
5. Ford Standard 1999
6. GMPT MRO 3.2
7. DaimlerChrysler Werk 10
8. Q-DAS 1
9. Q-DAS 2
10. QS 9000
11. AFNOR E 60-181
12. Test_1 - Out of Control
13. Daimler Chrysler QR01/LF03 (V1.0)
14. Daimler Chrysler QR01/LF02 (V1.0)
15. Q-DAS Procella
16. BMW Cp (V1.0)
17. QS 9000-R
18. Q-DAS 1 (04/2004)
19. Q-DAS 2 (04/2004)
20. CNOMO (01/2004)
21. Q-DAS Procella (04/2004)
22. FGP/GMPT MRO 10.x - saved distribution
23. MARPOSS

MACHINE CAPABILITY METHODS

1. Audi AG
2. Q-DAS 1
3. Q-DAS 2
4. Bosch 2001
5. GMPT MRO - 1&5 part study only
6. Daimler Chrysler QR01/LF02 (V1.0) 1/5-T. Vorl.
7. BMW Cm (V1.0)
8. BMW Cp (V1.0)
9. Q-DAS 1 (04/2004)
10. Q-DAS 2 (04/2004)
11. FGP/GMPT MRO 10.4 (Draft) - 1&5 part study
12. MARPOSS

GAUGE CAPABILITY METHODS

TYPE 1 [Repeatability and Accuracy]

1. Ford EU1880 Type1
2. GM Type 1 (MS-1)
3. Q-DAS Type 1
4. Repeatability Accuracy Study
5. Bosch Heft 10 Type 1
6. VW Type 1

TYPE 2 [R&R - Repeatability and Reproducibility]

1. Q-DAS Type 2 ARM
2. Q-DAS Type 2 ANOVA
3. ARM Tolerance (QS9000 MSA)
4. ARM Total Variation (QS9000 MSA)
5. ARM Process Variation (QS9000 MSA)
6. ANOVA Tolerance (QS9000 MSA)
7. ANOVA Total Variation (QS9000 MSA)
8. ANOVA Process Variation (QS9000 MSA)
9. Ford EU 1880 Type 2
10. Repeatability Reproducibility Study
11. Bosch Heft 10 Type 2 (2002)
12. GM Type 2 ARM (MS-1)
13. GM Type 2 ANOVA (MS-1)
14. VW Type 2
15. Bosch Heft 10 Type 2 (2000)

TYPE 3

1. Ford EU 1880 Type3
2. Q-DAS Type 3 ARM
3. Q-DAS Type 3 ANOVA
4. Type 3 Variation
5. Repeatability Reproducibility Study - Autom.Applications
6. Bosch Heft 10 Type 3 (2002)
7. GM Type 3 ARM (MS-1)
8. GM Type 3 ANOVA (MS-1)
9. GM Type 3 Variations
10. VW Type 3
11. Bosch Heft 10 Type 3 (2000)

TYPE 4

1. Ford EU 1880 Type4

TYPE 5

1. Ford EU 1880 Type5

LINEARITY

1. Linearity QS 9000 (2000)
2. Linearity Bosch Heft 10
3. Linearity QS 9000 (2002)

RANGE METHOD

1. Short Range QS 9000 MSA

STABILITY

1. Stability X/s QS9000
2. Stability X/R QS9000
3. Stability X/s exact calculation
4. Stability X/R exact calculation
5. Stability Bosch Heft 10 (2000)
6. Stability Bosch Heft 10 (2002)

CNOMO

Cnomo E.41.36.110.N