

Part Number : PTN0004

Folder : DEMO / Study : FORD STUDY 10

Analysed Data for Individuals and Moving Range Chart

Process Mean : 64.92

Process S.D. : 1.11

Limits calculated using subgroups 1 to 102 ** Temporary Setting **

Process Control checked from subgroup 1

PROCESS IN CONTROL - PROCESS CAPABLE

Average Individuals : 64.92

Average Moving Range : 1.33

Individuals UCL : 68.47

Moving Range UCL : 4.36

Individuals LCL : 61.38

Moving Range LCL : n/a

Capability index (Cp) : 1.41

Performance index (Pp) : 1.50

Upper capability index (CPU) : 1.43

Upper performance index (PPU) : 1.52

Lower capability index (CPL) : 1.39

Lower performance index (PPL) : 1.47

Cpk : 1.39

Ppk : 1.47

Subgroup	1	2	3	4	5	6	7	8	9
Status									
Reference			65.6						
Date	01/12/2004	01/12/2004	01/12/2004	01/12/2004	01/12/2004	01/12/2004	01/12/2004	01/12/2004	01/12/2004
Time	14:12	14:12	14:13	14:14	14:14	14:14	14:14	14:14	14:14
Person	SUPERUSER	SUPERUSER	SUPERUSER	SUPERUSER	SUPERUSER	SUPERUSER	SUPERUSER	SUPERUSER	SUPERUSER
Moving Range	N/A	0.4	1.5	0.4	3.0	2.5	0.4	0.2	0.1
Item	64.5	64.1	65.6	66.0	63.0	65.5	65.9	65.7	65.8
Subgroup	10	11	12	13	14	15	16	17	18
Status									
Reference									
Date	01/12/2004	01/12/2004	01/12/2004	01/12/2004	01/12/2004	01/12/2004	01/12/2004	01/12/2004	01/12/2004
Time	14:14	14:15	14:15	14:15	14:15	14:15	14:15	14:15	14:16
Person	SUPERUSER	SUPERUSER	SUPERUSER	SUPERUSER	SUPERUSER	SUPERUSER	SUPERUSER	SUPERUSER	SUPERUSER
Moving Range	1.4	1.1	2.5	0.3	0.7	1.1	0.1	2.8	0.3
Item	64.4	63.3	65.8	66.1	65.4	66.5	66.4	63.6	63.3
Subgroup	19	20	21	22	23	24	25	26	27
Status									
Reference									
Date	01/12/2004	01/12/2004	01/12/2004	01/12/2004	01/12/2004	01/12/2004	01/12/2004	01/12/2004	01/12/2004
Time	14:16	14:16	14:16	14:16	14:16	14:16	14:16	14:17	14:17
Person	SUPERUSER	SUPERUSER	SUPERUSER	SUPERUSER	SUPERUSER	SUPERUSER	SUPERUSER	SUPERUSER	SUPERUSER
Moving Range	3.5	1.3	1.7	1.3	0.8	1.9	0.6	0.6	2.0
Item	66.8	65.5	63.8	65.1	65.9	64.0	64.6	65.2	63.2
Subgroup	28	29	30	31	32	33	34	35	36
Status									
Reference									
Date	01/12/2004	01/12/2004	01/12/2004	01/12/2004	01/12/2004	01/12/2004	01/12/2004	01/12/2004	01/12/2004
Time	14:17	14:17	14:17	14:17	14:17	14:17	14:17	14:18	14:18
Person	SUPERUSER	SUPERUSER	SUPERUSER	SUPERUSER	SUPERUSER	SUPERUSER	SUPERUSER	SUPERUSER	SUPERUSER
Moving Range	1.8	0.3	0.5	2.2	0.8	0.3	2.2	3.6	1.6
Item	65.0	65.3	65.8	63.6	64.4	64.7	66.9	63.3	64.9

Subgroup	37	38	39	40	41	42	43	44	45
Status Reference									
Date	01/12/2004	01/12/2004	01/12/2004	01/12/2004	01/12/2004	01/12/2004	01/12/2004	01/12/2004	01/12/2004
Time	14:18	14:18	14:18	14:18	14:18	14:18	14:19	14:19	14:19
Person	SUPERUSER	SUPERUSER	SUPERUSER	SUPERUSER	SUPERUSER	SUPERUSER	SUPERUSER	SUPERUSER	SUPERUSER
Moving Range	0.0	0.8	1.6	1.3	0.2	2.7	2.4	0.1	1.2
Item	64.9	65.7	64.1	65.4	65.2	67.9	65.5	65.4	64.2
Subgroup	46	47	48	49	50	51	52	53	54
Status Reference									
Date	01/12/2004	01/12/2004	01/12/2004	01/12/2004	01/12/2004	01/12/2004	01/12/2004	01/12/2004	01/12/2004
Time	14:19	14:19	14:19	14:19	14:19	14:19	14:19	14:20	14:20
Person	SUPERUSER	SUPERUSER	SUPERUSER	SUPERUSER	SUPERUSER	SUPERUSER	SUPERUSER	SUPERUSER	SUPERUSER
Moving Range	0.9	1.4	3.1	0.9	1.0	0.7	0.6	2.4	1.5
Item	65.1	66.5	63.4	64.3	65.3	64.6	64.0	66.4	64.9
Subgroup	55	56	57	58	59	60	61	62	63
Status Reference									
Date	01/12/2004	01/12/2004	01/12/2004	01/12/2004	01/12/2004	01/12/2004	01/12/2004	01/12/2004	01/12/2004
Time	14:21	14:22	14:22	14:22	14:22	14:22	14:22	14:22	14:22
Person	SUPERUSER	SUPERUSER	SUPERUSER	SUPERUSER	SUPERUSER	SUPERUSER	SUPERUSER	SUPERUSER	SUPERUSER
Moving Range	0.2	1.4	0.1	2.6	1.1	0.7	1.3	2.5	3.3
Item	65.1	63.7	63.6	66.2	65.1	65.8	64.5	62.0	65.3
Subgroup	64	65	66	67	68	69	70	71	72
Status Reference									
Date	01/12/2004	01/12/2004	01/12/2004	01/12/2004	01/12/2004	01/12/2004	01/12/2004	01/12/2004	01/12/2004
Time	14:22	14:22	14:23	14:23	14:23	14:23	14:23	14:23	14:23
Person	SUPERUSER	SUPERUSER	SUPERUSER	SUPERUSER	SUPERUSER	SUPERUSER	SUPERUSER	SUPERUSER	SUPERUSER
Moving Range	1.0	1.4	0.2	3.1	1.7	1.0	2.7	3.5	0.8
Item	64.3	65.7	65.9	62.8	64.5	65.5	62.8	66.3	65.5
Subgroup	73	74	75	76	77	78	79	80	81
Status Reference									
Date	01/12/2004	01/12/2004	01/12/2004	01/12/2004	01/12/2004	01/12/2004	01/12/2004	01/12/2004	01/12/2004
Time	14:23	14:24	14:24	14:24	14:24	14:24	14:24	14:24	14:24
Person	SUPERUSER	SUPERUSER	SUPERUSER	SUPERUSER	SUPERUSER	SUPERUSER	SUPERUSER	SUPERUSER	SUPERUSER
Moving Range	0.9	0.0	0.6	2.6	3.5	0.9	0.7	0.1	0.5
Item	64.6	64.6	65.2	62.6	66.1	65.2	64.5	64.6	65.1
Subgroup	82	83	84	85	86	87	88	89	90
Status Reference									
Date	01/12/2004	01/12/2004	01/12/2004	01/12/2004	01/12/2004	01/12/2004	01/12/2004	01/12/2004	01/12/2004
Time	14:24	14:25	14:25	14:25	14:25	14:25	14:25	14:25	14:25
Person	SUPERUSER	SUPERUSER	SUPERUSER	SUPERUSER	SUPERUSER	SUPERUSER	SUPERUSER	SUPERUSER	SUPERUSER
Moving Range	0.5	2.2	2.1	0.2	0.3	0.7	1.7	1.6	1.1
Item	64.6	66.8	64.7	64.9	65.2	64.5	62.8	64.4	65.5

Subgroup	91	92	93	94	95	96	97	98	99
Status									
Reference									
Date	01/12/2004	01/12/2004	01/12/2004	01/12/2004	01/12/2004	01/12/2004	01/12/2004	01/12/2004	01/12/2004
Time	14:25	14:25	14:26	14:26	14:26	14:26	14:26	14:26	14:26
Person	SUPERUSER	SUPERUSER	SUPERUSER	SUPERUSER	SUPERUSER	SUPERUSER	SUPERUSER	SUPERUSER	SUPERUSER
Moving Range	0.2	2.3	1.8	1.4	2.3	0.7	0.3	2.0	3.8
Item	65.7	63.4	65.2	63.8	66.1	65.4	65.1	67.1	63.3
Subgroup	100	101	102						

Status			
Reference			
Date	01/12/2004	01/12/2004	01/12/2004
Time	14:26	14:26	14:26
Person	SUPERUSER	SUPERUSER	SUPERUSER
Moving Range	0.0	2.5	0.0

Item	63.3	65.8	65.8
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