



SUMMARY OF THE PRINT EVALUATION

OK print

Tone values:	ok	Solid tones:	ok	Register:	ok
Spread:	ok	Tonal range:	ok		

Judgement OK print: **ok**

Print run

500

Tone values:	ok	Solid tones:	ok	Register:	ok
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1000

Tone values:	ok	Solid tones:	ok	Register:	ok
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1500

Tone values:	ok	Solid tones:	ok	Register:	ok
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2000

Tone values:	ok	Solid tones:	ok	Register:	ok
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2500

Tone values:	ok	Solid tones:	ok	Register:	ok
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3000

Tone values:	ok	Solid tones:	ok	Register:	ok
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3500

Tone values:	ok	Solid tones:	ok	Register:	ok
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4000

Tone values:	ok	Solid tones:	ok	Register:	ok
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4500

Tone values:	ok	Solid tones:	ok	Register:	ok
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5000

Tone values:	ok	Solid tones:	ok	Register:	ok
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Number of good copies: **10**

Judgement print run: **ok** (at least 7 good copies)

Overall result: **ok**


Dipl.-Phys. J. Gemeinhardt

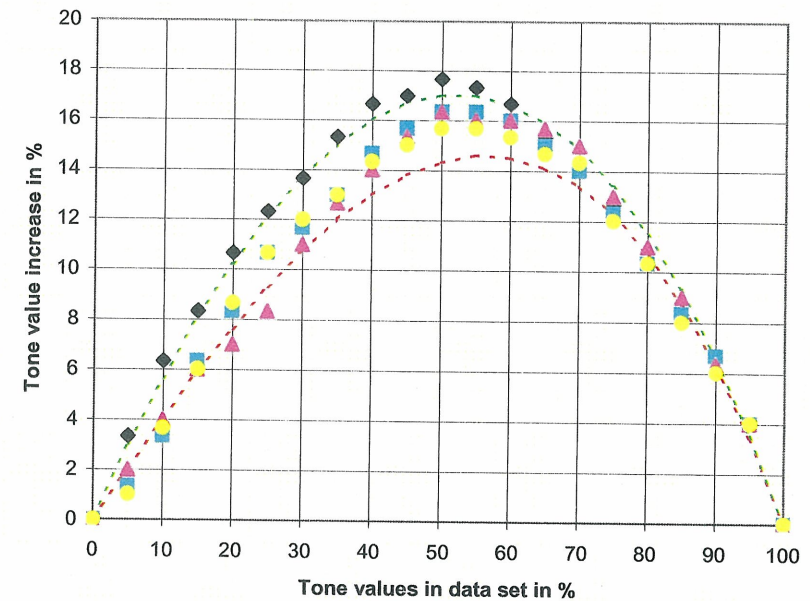

B. Sammereier, Drucktechniker

TONE VALUE INCREASES OK PRINT IN %

Top left

Data	K	C	M	Y	Aim CMY	Aim K	ΔK	ΔC	ΔM	ΔY
0	0,0	0,0	0,0	0,0	0,0	0,0	0	0	0	0
5	3,3	1,3	2,0	1,0	2,0	3,0	0	-1	0	-1
10	6,3	3,3	4,0	3,7	4,0	5,6	1	-1	0	0
15	8,3	6,3	6,0	6,0	5,9	8,1	0	0	0	0
20	10,7	8,3	7,0	8,7	7,6	10,2	0	1	-1	1
25	12,3	10,7	8,3	10,7	9,3	12,1	0	1	-1	1
30	13,7	11,7	11,0	12,0	10,7	13,7	0	1	0	1
35	15,3	13,0	12,7	13,0	12,0	15,0	0	1	1	1
40	16,7	14,7	14,0	14,3	13,0	16,0	1	2	1	1
45	17,0	15,7	15,3	15,0	13,8	16,7	0	2	2	1
50	17,7	16,3	16,3	15,7	14,3	17,0	1	2	2	1
55	17,3	16,3	16,0	15,7	14,6	17,0	0	2	1	1
60	16,7	16,0	16,0	15,3	14,5	16,6	0	2	2	1
65	15,3	15,0	15,7	14,7	14,1	15,9	-1	1	2	1
70	14,0	14,0	15,0	14,3	13,4	14,9	-1	1	2	1
75	12,7	12,3	13,0	12,0	12,3	13,4	-1	0	1	0
80	10,3	10,3	11,0	10,3	10,7	11,5	-1	0	0	0
85	8,3	8,3	9,0	8,0	8,7	9,3	-1	0	0	-1
90	6,0	6,7	6,3	6,0	6,3	6,6	-1	0	0	0
95	4,0	4,0	4,0	4,0	3,4	3,5	1	1	1	1
100	0,0	0,0	0,0	0,0	0,0	0,0	0	0	0	0

OK print, top left



Black:	ok
Cyan:	ok
Magenta:	ok
Yellow:	ok

Spread: ok

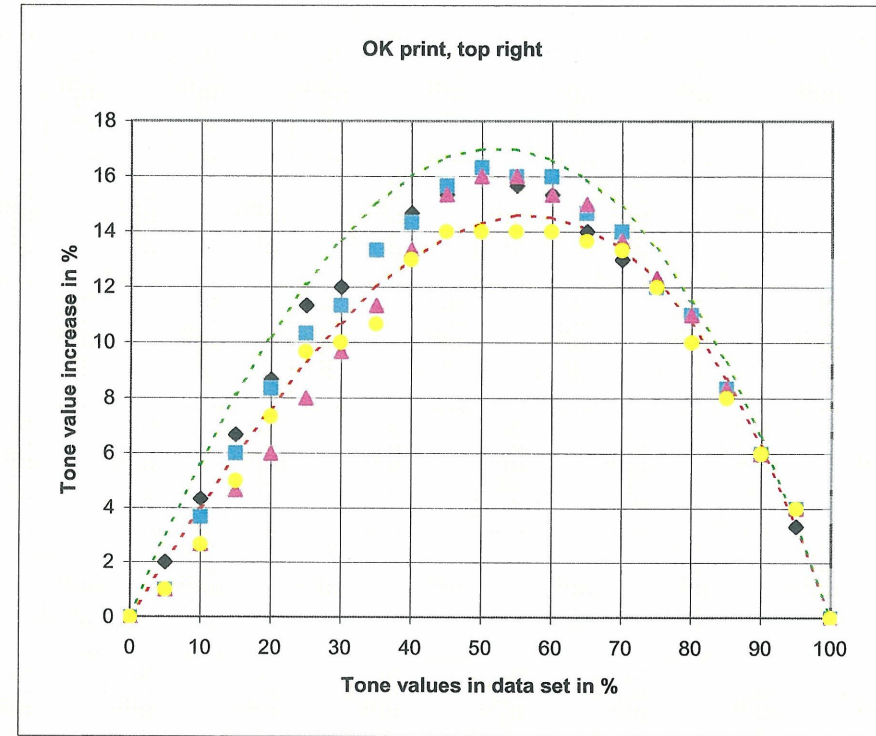
Deviation tolerances: highlights ± 3 , mid-tones ± 4 , shadows ± 3

Maximum spread of the coloured inks: 5

TONE VALUE INCREASES OK PRINT IN %

Top right

Data	K	C	M	Y	Aim CMY	Aim K	ΔK	ΔC	ΔM	ΔY
0	0,0	0,0	0,0	0,0	0,0	0,0	0	0	0	0
5	2,0	1,0	1,0	1,0	2,0	3,0	-1	-1	-1	-1
10	4,3	3,7	2,7	2,7	4,0	5,6	-1	0	-1	-1
15	6,7	6,0	4,7	5,0	5,9	8,1	-1	0	-1	-1
20	8,7	8,3	6,0	7,3	7,6	10,2	-2	1	-2	0
25	11,3	10,3	8,0	9,7	9,3	12,1	-1	1	-1	0
30	12,0	11,3	9,7	10,0	10,7	13,7	-2	1	-1	-1
35	13,3	13,3	11,3	10,7	12,0	15,0	-2	1	-1	-1
40	14,7	14,3	13,3	13,0	13,0	16,0	-1	1	0	0
45	15,3	15,7	15,3	14,0	13,8	16,7	-1	2	2	0
50	16,3	16,3	16,0	14,0	14,3	17,0	-1	2	2	0
55	15,7	16,0	16,0	14,0	14,6	17,0	-1	1	1	-1
60	15,3	16,0	15,3	14,0	14,5	16,6	-1	2	1	-1
65	14,0	14,7	15,0	13,7	14,1	15,9	-2	1	1	0
70	13,0	14,0	13,7	13,3	13,4	14,9	-2	1	0	0
75	12,0	12,0	12,3	12,0	12,3	13,4	-1	0	0	0
80	10,0	11,0	11,0	10,0	10,7	11,5	-2	0	0	-1
85	8,0	8,3	8,3	8,0	8,7	9,3	-1	0	0	-1
90	6,0	6,0	6,0	6,0	6,3	6,6	-1	0	0	0
95	3,3	4,0	4,0	4,0	3,4	3,5	0	1	1	1
100	0,0	0,0	0,0	0,0	0,0	0,0	0	0	0	0



Black:	ok
Cyan:	ok
Magenta:	ok
Yellow:	ok

Spread: ok

Deviation tolerances: highlights ± 3 , mid-tones ± 4 , shadows ± 3

Maximum spread of the coloured inks: 5

TONE VALUE INCREASES OK PRINT IN %

Bottom center

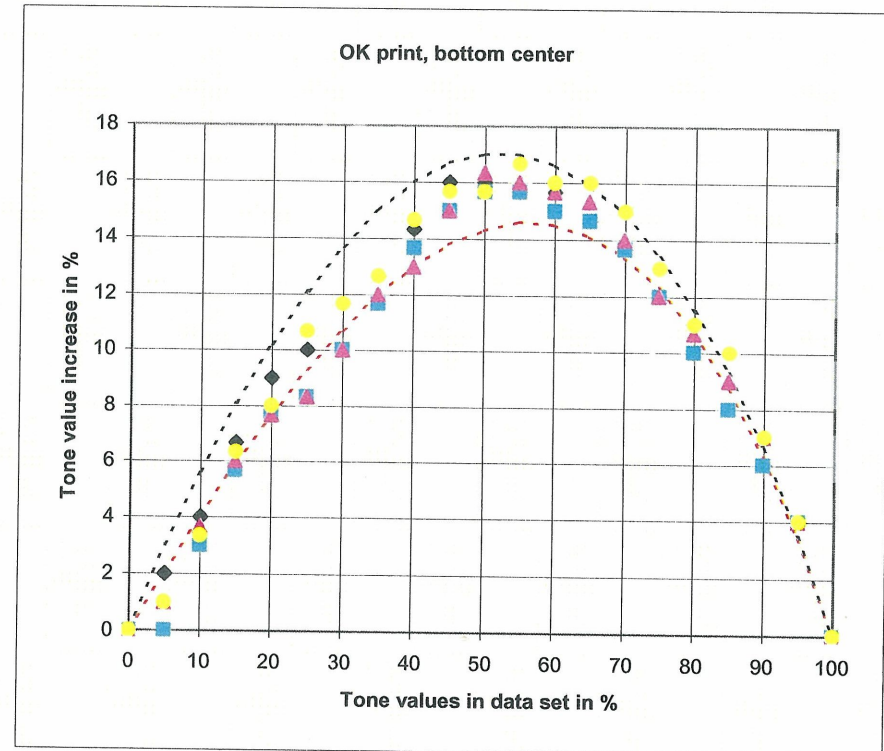
Data	K	C	M	Y	Aim CMY	Aim K	ΔK	ΔC	ΔM	ΔY
0	0,0	0,0	0,0	0,0	0,0	0,0	0	0	0	0
5	2,0	0,0	1,0	1,0	2,0	3,0	-1	-2	-1	-1
10	4,0	3,0	3,7	3,3	4,0	5,6	-2	-1	0	-1
15	6,7	5,7	6,0	6,3	5,9	8,1	-1	0	0	0
20	9,0	7,7	7,7	8,0	7,6	10,2	-1	0	0	0
25	10,0	8,3	8,3	10,7	9,3	12,1	-2	-1	-1	1
30	11,7	10,0	10,0	11,7	10,7	13,7	-2	-1	-1	1
35	12,7	11,7	12,0	12,7	12,0	15,0	-2	0	0	1
40	14,3	13,7	13,0	14,7	13,0	16,0	-2	1	0	2
45	16,0	15,0	15,0	15,7	13,8	16,7	-1	1	1	2
50	16,0	15,7	16,3	15,7	14,3	17,0	-1	1	2	1
55	15,7	15,7	16,0	16,7	14,6	17,0	-1	1	1	2
60	15,7	15,0	15,7	16,0	14,5	16,6	-1	1	1	2
65	14,7	14,7	15,3	16,0	14,1	15,9	-1	1	1	2
70	13,7	13,7	14,0	15,0	13,4	14,9	-1	0	1	2
75	12,0	12,0	12,0	13,0	12,3	13,4	-1	0	0	1
80	10,0	10,0	10,7	11,0	10,7	11,5	-2	-1	0	0
85	8,0	8,0	9,0	10,0	8,7	9,3	-1	-1	0	1
90	6,0	6,0	7,0	7,0	6,3	6,6	-1	0	1	1
95	4,0	4,0	4,0	4,0	3,4	3,5	1	1	1	1
100	0,0	0,0	0,0	0,0	0,0	0,0	0	0	0	0

Black:	ok
Cyan:	ok
Magenta:	ok
Yellow:	ok

Spread: ok

Deviation tolerances: highlights ± 3 , mid-tones ± 4 , shadows ± 3

Maximum spread of the coloured inks: 5



SOLID TONE COLOURS OK PRINT ON BLACK BACKING

Top left	L*	Actual a*	b*	L*	Aim a*	b*	ΔE^*_{ab}	
Black	15	2	2	16	0	0	3	ok
Cyan	54	-35	-51	54	-36	-49	2	ok
Magenta	47	75	-6	46	72	-5	3	ok
Yellow	87	-6	89	87	-6	90	1	ok

Deviation tolerance: 5

Top right	L*	Actual a*	b*	L*	Aim a*	b*	ΔE^*_{ab}	
Black	16	2	2	16	0	0	3	ok
Cyan	54	-35	-51	54	-36	-49	2	ok
Magenta	47	75	-6	46	72	-5	3	ok
Yellow	87	-6	90	87	-6	90	0	ok

Deviation tolerance: 5

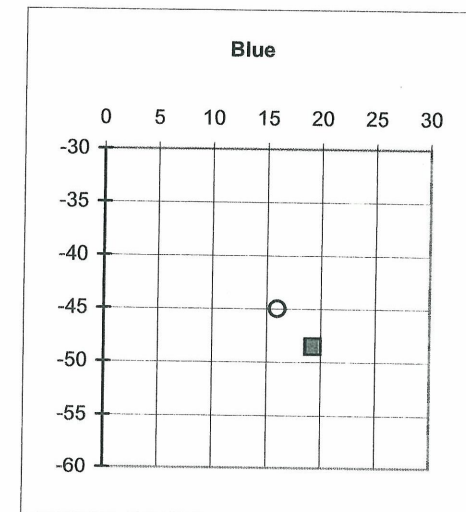
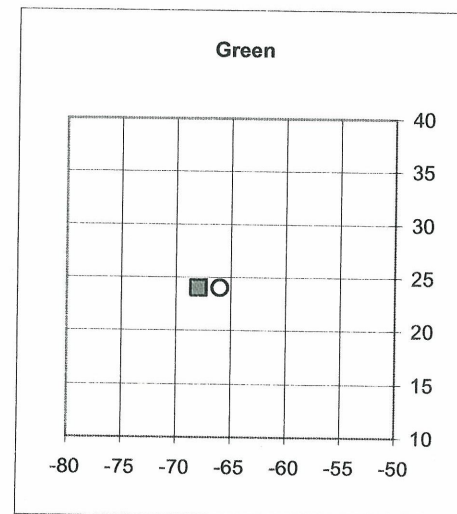
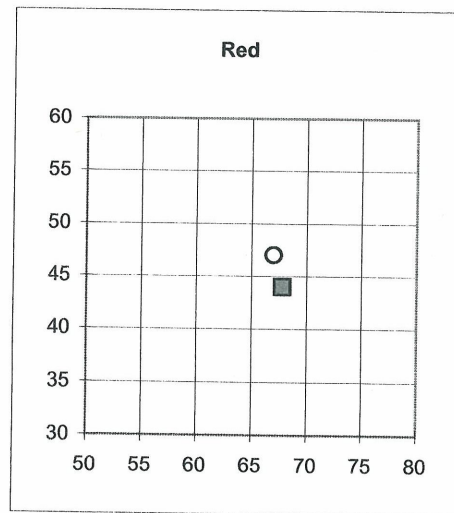
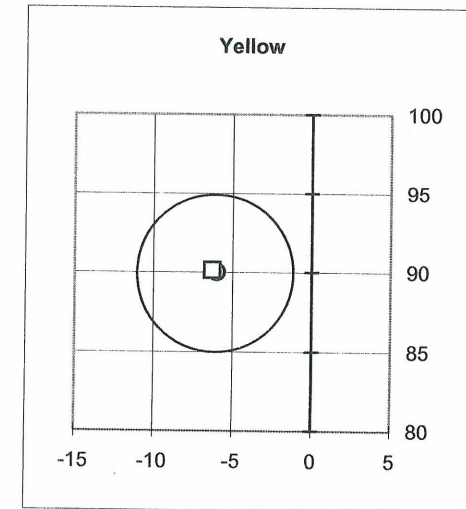
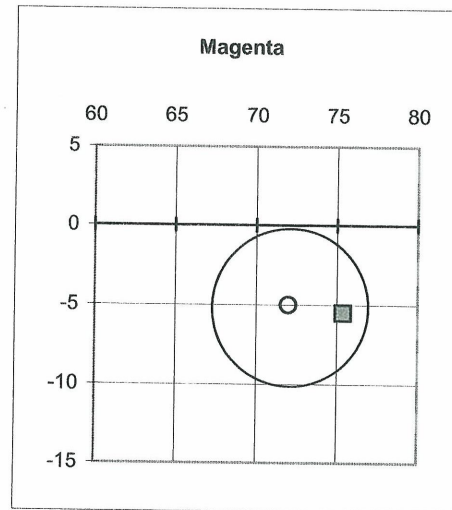
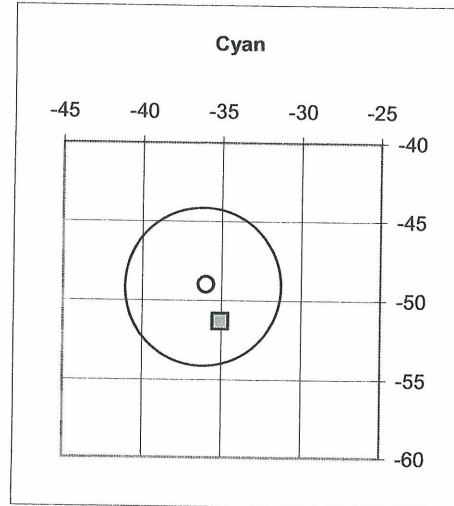
Bottom center	L*	Actual a*	b*	L*	Aim a*	b*	ΔE^*_{ab}	
Black	16	2	2	16	0	0	3	ok
Cyan	53	-35	-51	54	-36	-49	3	ok
Magenta	47	76	-5	46	72	-5	4	ok
Yellow	87	-6	92	87	-6	90	2	ok

Deviation tolerance: 5

MEAN COLOUR VALUES OF THE SECONDARIES ON BLACK BACKING (INFORMATIVE)

	L*	Actual a*	b*	L*	Aim a*	b*	ΔE^*_{ab}
Red	46	68	44	46	67	47	3
Green	49	-68	24	49	-66	24	2
Blue	24	19	-49	24	16	-45	5

MEAN COLOUR VALUES (A*B*-PLANE) OK PRINT ON BLACK BACKING



TONAL RANGE OK PRINT IN %

Data	K	C	M	Y
1	nicht ok	nicht ok	nicht ok	nicht ok
2	ok	ok	ok	ok
3	ok	ok	ok	ok
97	ok	ok	ok	ok
98	nicht ok	nicht ok	nicht ok	nicht ok
99	nicht ok	nicht ok	nicht ok	nicht ok

Minimum tonal range: 3 to 97

REGISTER DEVIATION OK PRINT

KCMY	KC	KM	KY
ok	ok	ok	ok

Maximum register deviation: 0,1 mm

JUDGEMENT OF OK PRINT:

ok

PRINT RUN 500

Solid tone colours on black backing

Top left	Actual			OK print			ΔE^*_{ab}	
	L*	a*	b*	L*	a*	b*		
Black	15	2	3	16	2	2	0	ok
Cyan	56	-36	-49	55	-36	-50	2	ok
Magenta	47	74	-7	46	75	-7	1	ok
Yellow	87	-6	89	87	-6	89	0	ok

Top right	Actual			OK print			ΔE^*_{ab}	
	L*	a*	b*	L*	a*	b*		
Black	16	1	2	16	1	2	0	ok
Cyan	55	-36	-50	54	-36	-50	1	ok
Magenta	47	75	-7	47	74	-7	0	ok
Yellow	87	-6	90	87	-6	90	0	ok

Bottom center	Actual			OK print			ΔE^*_{ab}	
	L*	a*	b*	L*	a*	b*		
Black	16	1	2	16	1	2	0	ok
Cyan	55	-36	-50	54	-36	-51	1	ok
Magenta	46	75	-6	47	75	-6	0	ok
Yellow	87	-6	92	88	-6	92	0	ok

Variation tolerance KCM: 4

Variation tolerance Y: 5

PRINT RUN 500

Tone value increases in %

Top left	K80	K40	C80	C40	M80	M40	Y80	Y40
Actual value	11,0	18,0	11,0	14,0	11,0	15,0	11,0	14,0
OK print	10,3	16,7	10,3	14,7	11,0	14,0	10,3	14,3
Difference	1	1	1	-1	0	1	1	0

Black:	ok
Cyan:	ok
Magenta:	ok
Yellow:	ok

Spread CMY: 1 (informative)

Variation tolerances: mid-tone ± 4 , shadow ± 3

Top right	K80	K40	C80	C40	M80	M40	Y80	Y40
Actual value	10,0	16,0	10,0	14,0	10,0	14,0	10,0	14,0
OK print	10,0	14,7	11,0	14,3	11,0	13,3	10,0	13,0
Difference	0	1	-1	0	-1	1	0	1

Black:	ok
Cyan:	ok
Magenta:	ok
Yellow:	ok

Spread CMY: 0 (informative)

Variation tolerances: mid-tone ± 4 , shadow ± 3

Bottom center	K80	K40	C80	C40	M80	M40	Y80	Y40
Actual value	10,0	15,0	11,0	13,0	11,0	14,0	11,0	16,0
OK print	10,0	14,3	10,0	13,7	10,7	13,0	11,0	14,7
Difference	0	1	1	-1	0	1	0	1

Black:	ok
Cyan:	ok
Magenta:	ok
Yellow:	ok

Spread CMY: 3 (informative)

Variation tolerances: mid-tone ± 4 , shadow ± 3

PRINT RUN 500

Register deviation

KCMY	KC	KM	KY
ok	ok	ok	ok

Judgement of this sheet: **ok**

PRINT RUN 1000**Solid tone colours on black backing**

Top left	Actual			OK print			ΔE^*_{ab}	
	L*	a*	b*	L*	a*	b*		
Black	17	2	3	16	2	2	2	ok
Cyan	56	-36	-49	55	-36	-50	2	ok
Magenta	47	74	-7	46	75	-7	1	ok
Yellow	87	-6	89	87	-6	89	0	ok

Top right	Actual			OK print			ΔE^*_{ab}	
	L*	a*	b*	L*	a*	b*		
Black	17	2	3	16	1	2	1	ok
Cyan	55	-37	-50	54	-36	-50	1	ok
Magenta	47	74	-7	47	74	-7	0	ok
Yellow	87	-6	90	87	-6	90	0	ok

Bottom center	Actual			OK print			ΔE^*_{ab}	
	L*	a*	b*	L*	a*	b*		
Black	16	1	2	16	1	2	0	ok
Cyan	55	-36	-50	54	-36	-51	1	ok
Magenta	46	75	-6	47	75	-6	0	ok
Yellow	87	-6	92	88	-6	92	0	ok

Variation tolerance KCM: 4

Variation tolerance Y: 5

PRINT RUN 1000

Tone value increases in %

Top left	K80	K40	C80	C40	M80	M40	Y80	Y40
Actual value	11,0	18,0	11,0	14,0	11,0	14,0	10,0	14,0
OK print	10,3	16,7	10,3	14,7	11,0	14,0	10,3	14,3
Difference	1	1	1	-1	0	0	0	0

Black:	ok
Cyan:	ok
Magenta:	ok
Yellow:	ok

Spread CMY: 0 (informative)

Variation tolerances: mid-tone ± 4 , shadow ± 3

Top right	K80	K40	C80	C40	M80	M40	Y80	Y40
Actual value	10,0	16,0	10,0	14,0	11,0	14,0	10,0	13,0
OK print	10,0	14,7	11,0	14,3	11,0	13,3	10,0	13,0
Difference	0	1	-1	0	0	1	0	0

Black:	ok
Cyan:	ok
Magenta:	ok
Yellow:	ok

Spread CMY: 1 (informative)

Variation tolerances: mid-tone ± 4 , shadow ± 3

Bottom center	K80	K40	C80	C40	M80	M40	Y80	Y40
Actual value	10,0	15,0	11,0	13,0	10,0	13,0	11,0	15,0
OK print	10,0	14,3	10,0	13,7	10,7	13,0	11,0	14,7
Difference	0	1	1	-1	-1	0	0	0

Black:	ok
Cyan:	ok
Magenta:	ok
Yellow:	ok

Spread CMY: 2 (informative)

Variation tolerances: mid-tone ± 4 , shadow ± 3

PRINT RUN 1000

Register deviation

KCMY	KC	KM	KY
ok	ok	ok	ok

Judgement of this sheet: **ok**

PRINT RUN 1500

Solid tone colours on black backing

Top left	Actual			OK print			ΔE^*_{ab}	
	L*	a*	b*	L*	a*	b*		
Black	16	1	2	16	2	2	0	ok
Cyan	55	-36	-50	55	-36	-50	1	ok
Magenta	46	75	-7	46	75	-7	0	ok
Yellow	87	-6	88	87	-6	89	1	ok

Top right	Actual			OK print			ΔE^*_{ab}	
	L*	a*	b*	L*	a*	b*		
Black	16	1	2	16	1	2	0	ok
Cyan	55	-36	-50	54	-36	-50	1	ok
Magenta	46	75	-6	47	74	-7	1	ok
Yellow	87	-6	90	87	-6	90	0	ok

Bottom center	Actual			OK print			ΔE^*_{ab}	
	L*	a*	b*	L*	a*	b*		
Black	16	1	2	16	1	2	0	ok
Cyan	55	-36	-50	54	-36	-51	1	ok
Magenta	46	75	-6	47	75	-6	1	ok
Yellow	88	-6	91	88	-6	92	1	ok

Variation tolerance KCM: 4

Variation tolerance Y: 5

PRINT RUN 1500

Tone value increases in %

Top left	K80	K40	C80	C40	M80	M40	Y80	Y40
Actual value	10,0	15,0	10,0	13,0	11,0	14,0	10,0	13,0
OK print	10,3	16,7	10,3	14,7	11,0	14,0	10,3	14,3
Difference	0	-2	0	-2	0	0	0	-1

Black:	ok
Cyan:	ok
Magenta:	ok
Yellow:	ok

Spread CMY: 1 (informative)

Variation tolerances: mid-tone ± 4 , shadow ± 3

Top right	K80	K40	C80	C40	M80	M40	Y80	Y40
Actual value	10,0	14,0	11,0	14,0	11,0	13,0	10,0	13,0
OK print	10,0	14,7	11,0	14,3	11,0	13,3	10,0	13,0
Difference	0	-1	0	0	0	0	0	0

Black:	ok
Cyan:	ok
Magenta:	ok
Yellow:	ok

Spread CMY: 1 (informative)

Variation tolerances: mid-tone ± 4 , shadow ± 3

Bottom center	K80	K40	C80	C40	M80	M40	Y80	Y40
Actual value	10,0	15,0	10,0	13,0	10,0	13,0	11,0	14,0
OK print	10,0	14,3	10,0	13,7	10,7	13,0	11,0	14,7
Difference	0	1	0	-1	-1	0	0	-1

Black:	ok
Cyan:	ok
Magenta:	ok
Yellow:	ok

Spread CMY: 1 (informative)

Variation tolerances: mid-tone ± 4 , shadow ± 3

PRINT RUN 1500

Register deviation

KCMY	KC	KM	KY
ok	ok	ok	ok

Judgement of this sheet: **ok**

PRINT RUN 2000

Solid tone colours on black backing

Top left	Actual			OK print			ΔE^*_{ab}	
	L*	a*	b*	L*	a*	b*		
Black	17	2	2	16	2	2	2	ok
Cyan	56	-36	-49	55	-36	-50	2	ok
Magenta	47	74	-7	46	75	-7	1	ok
Yellow	87	-6	89	87	-6	89	0	ok

Top right	Actual			OK print			ΔE^*_{ab}	
	L*	a*	b*	L*	a*	b*		
Black	17	1	2	16	1	2	1	ok
Cyan	55	-36	-50	54	-36	-50	1	ok
Magenta	47	75	-7	47	74	-7	0	ok
Yellow	87	-6	90	87	-6	90	0	ok

Bottom center	Actual			OK print			ΔE^*_{ab}	
	L*	a*	b*	L*	a*	b*		
Black	17	1	2	16	1	2	1	ok
Cyan	55	-36	-50	54	-36	-51	1	ok
Magenta	46	75	-6	47	75	-6	0	ok
Yellow	87	-6	91	88	-6	92	2	ok

Variation tolerance KCM: 4

Variation tolerance Y: 5

PRINT RUN 2000

Tone value increases in %

Top left	K80	K40	C80	C40	M80	M40	Y80	Y40
Actual value	10,0	14,0	11,0	14,0	11,0	14,0	10,0	14,0
OK print	10,3	16,7	10,3	14,7	11,0	14,0	10,3	14,3
Difference	0	-3	1	-1	0	0	0	0

Black:	ok
Cyan:	ok
Magenta:	ok
Yellow:	ok

Spread CMY: 0 (informative)

Variation tolerances: mid-tone ± 4 , shadow ± 3

Top right	K80	K40	C80	C40	M80	M40	Y80	Y40
Actual value	10,0	14,0	11,0	14,0	11,0	14,0	10,0	13,0
OK print	10,0	14,7	11,0	14,3	11,0	13,3	10,0	13,0
Difference	0	-1	0	0	0	1	0	0

Black:	ok
Cyan:	ok
Magenta:	ok
Yellow:	ok

Spread CMY: 1 (informative)

Variation tolerances: mid-tone ± 4 , shadow ± 3

Bottom center	K80	K40	C80	C40	M80	M40	Y80	Y40
Actual value	10,0	14,0	11,0	13,0	11,0	13,0	11,0	15,0
OK print	10,0	14,3	10,0	13,7	10,7	13,0	11,0	14,7
Difference	0	0	1	-1	0	0	0	0

Black:	ok
Cyan:	ok
Magenta:	ok
Yellow:	ok

Spread CMY: 2 (informative)

Variation tolerances: mid-tone ± 4 , shadow ± 3

PRINT RUN 2000

Register deviation

KCMY	KC	KM	KY
ok	ok	ok	ok

Judgement of this sheet: ok

PRINT RUN 2500

Solid tone colours on black backing

Top left	Actual			OK print			ΔE^*_{ab}	
	L*	a*	b*	L*	a*	b*		
Black	16	1	2	16	2	2	1	ok
Cyan	56	-35	-49	55	-36	-50	2	ok
Magenta	47	74	-7	46	75	-7	1	ok
Yellow	87	-6	88	87	-6	89	1	ok

Top right	Actual			OK print			ΔE^*_{ab}	
	L*	a*	b*	L*	a*	b*		
Black	16	1	2	16	1	2	0	ok
Cyan	55	-36	-50	54	-36	-50	1	ok
Magenta	46	75	-6	47	74	-7	0	ok
Yellow	87	-6	90	87	-6	90	0	ok

Bottom center	Actual			OK print			ΔE^*_{ab}	
	L*	a*	b*	L*	a*	b*		
Black	16	1	2	16	1	2	0	ok
Cyan	55	-36	-50	54	-36	-51	1	ok
Magenta	46	75	-6	47	75	-6	0	ok
Yellow	87	-6	91	88	-6	92	1	ok

Variation tolerance KCM: 4

Variation tolerance Y: 5

PRINT RUN 2500

Tone value increases in %

Top left	K80	K40	C80	C40	M80	M40	Y80	Y40
Actual value	10,0	15,0	10,0	12,0	10,0	14,0	10,0	13,0
OK print	10,3	16,7	10,3	14,7	11,0	14,0	10,3	14,3
Difference	0	-2	0	-3	-1	0	0	-1

Black:	ok
Cyan:	ok
Magenta:	ok
Yellow:	ok

Spread CMY: 2 (informative)

Variation tolerances: mid-tone ± 4 , shadow ± 3

Top right	K80	K40	C80	C40	M80	M40	Y80	Y40
Actual value	9,0	14,0	10,0	13,0	10,0	13,0	10,0	13,0
OK print	10,0	14,7	11,0	14,3	11,0	13,3	10,0	13,0
Difference	-1	-1	-1	-1	-1	0	0	0

Black:	ok
Cyan:	ok
Magenta:	ok
Yellow:	ok

Spread CMY: 0 (informative)

Variation tolerances: mid-tone ± 4 , shadow ± 3

Bottom center	K80	K40	C80	C40	M80	M40	Y80	Y40
Actual value	10,0	14,0	10,0	13,0	10,0	13,0	11,0	14,0
OK print	10,0	14,3	10,0	13,7	10,7	13,0	11,0	14,7
Difference	0	0	0	-1	-1	0	0	-1

Black:	ok
Cyan:	ok
Magenta:	ok
Yellow:	ok

Spread CMY: 1 (informative)

Variation tolerances: mid-tone ± 4 , shadow ± 3

PRINT RUN 2500

Register deviation

KCMY	KC	KM	KY
ok	ok	ok	ok

Judgement of this sheet: **ok**

PRINT RUN 3000

Solid tone colours on black backing

Top left	Actual			OK print			ΔE^*_{ab}	
	L*	a*	b*	L*	a*	b*		
Black	16	2	2	16	2	2	1	ok
Cyan	57	-36	-48	55	-36	-50	3	ok
Magenta	47	74	-7	46	75	-7	1	ok
Yellow	87	-6	89	87	-6	89	0	ok

Top right	Actual			OK print			ΔE^*_{ab}	
	L*	a*	b*	L*	a*	b*		
Black	17	1	3	16	1	2	1	ok
Cyan	56	-36	-49	54	-36	-50	2	ok
Magenta	47	75	-7	47	74	-7	0	ok
Yellow	87	-6	90	87	-6	90	0	ok

Bottom center	Actual			OK print			ΔE^*_{ab}	
	L*	a*	b*	L*	a*	b*		
Black	17	1	2	16	1	2	1	ok
Cyan	56	-36	-49	54	-36	-51	2	ok
Magenta	46	75	-6	47	75	-6	0	ok
Yellow	88	-6	92	88	-6	92	1	ok

Variation tolerance KCM: 4

Variation tolerance Y: 5

PRINT RUN 3000

Tone value increases in %

Top left	K80	K40	C80	C40	M80	M40	Y80	Y40
Actual value	11,0	17,0	11,0	14,0	11,0	15,0	11,0	14,0
OK print	10,3	16,7	10,3	14,7	11,0	14,0	10,3	14,3
Difference	1	0	1	-1	0	1	1	0

Black:	ok
Cyan:	ok
Magenta:	ok
Yellow:	ok

Spread CMY: 1 (informative)

Variation tolerances: mid-tone ± 4 , shadow ± 3

Top right	K80	K40	C80	C40	M80	M40	Y80	Y40
Actual value	9,0	14,0	10,0	13,0	11,0	13,0	10,0	13,0
OK print	10,0	14,7	11,0	14,3	11,0	13,3	10,0	13,0
Difference	-1	-1	-1	-1	0	0	0	0

Black:	ok
Cyan:	ok
Magenta:	ok
Yellow:	ok

Spread CMY: 0 (informative)

Variation tolerances: mid-tone ± 4 , shadow ± 3

Bottom center	K80	K40	C80	C40	M80	M40	Y80	Y40
Actual value	10,0	14,0	10,0	12,0	10,0	14,0	11,0	16,0
OK print	10,0	14,3	10,0	13,7	10,7	13,0	11,0	14,7
Difference	0	0	0	-2	-1	1	0	1

Black:	ok
Cyan:	ok
Magenta:	ok
Yellow:	ok

Spread CMY: 4 (informative)

Variation tolerances: mid-tone ± 4 , shadow ± 3

PRINT RUN 3000

Register deviation

KCMY	KC	KM	KY
ok	ok	ok	ok

Judgement of this sheet: ok

PRINT RUN 3500

Solid tone colours on black backing

Top left	Actual			OK print			ΔE^*_{ab}	
	L*	a*	b*	L*	a*	b*		
Black	15	2	2	16	2	2	0	ok
Cyan	57	-35	-48	55	-36	-50	3	ok
Magenta	47	74	-7	46	75	-7	0	ok
Yellow	87	-6	89	87	-6	89	0	ok

Top right	Actual			OK print			ΔE^*_{ab}	
	L*	a*	b*	L*	a*	b*		
Black	16	1	2	16	1	2	0	ok
Cyan	56	-36	-49	54	-36	-50	2	ok
Magenta	46	75	-7	47	74	-7	0	ok
Yellow	87	-6	90	87	-6	90	0	ok

Bottom center	Actual			OK print			ΔE^*_{ab}	
	L*	a*	b*	L*	a*	b*		
Black	16	1	2	16	1	2	0	ok
Cyan	56	-36	-49	54	-36	-51	2	ok
Magenta	46	75	-6	47	75	-6	1	ok
Yellow	88	-6	92	88	-6	92	0	ok

Variation tolerance KCM: 4

Variation tolerance Y: 5

PRINT RUN 3500

Tone value increases in %

Top left	K80	K40	C80	C40	M80	M40	Y80	Y40
Actual value	10,0	15,0	10,0	11,0	10,0	14,0	10,0	13,0
OK print	10,3	16,7	10,3	14,7	11,0	14,0	10,3	14,3
Difference	0	-2	0	-4	-1	0	0	-1

Black:	ok
Cyan:	ok
Magenta:	ok
Yellow:	ok

Spread CMY: 3 (informative)

Variation tolerances: mid-tone ± 4 , shadow ± 3

Top right	K80	K40	C80	C40	M80	M40	Y80	Y40
Actual value	10,0	14,0	10,0	13,0	10,0	13,0	10,0	13,0
OK print	10,0	14,7	11,0	14,3	11,0	13,3	10,0	13,0
Difference	0	-1	-1	-1	-1	0	0	0

Black:	ok
Cyan:	ok
Magenta:	ok
Yellow:	ok

Spread CMY: 0 (informative)

Variation tolerances: mid-tone ± 4 , shadow ± 3

Bottom center	K80	K40	C80	C40	M80	M40	Y80	Y40
Actual value	10,0	14,0	10,0	11,0	11,0	13,0	11,0	15,0
OK print	10,0	14,3	10,0	13,7	10,7	13,0	11,0	14,7
Difference	0	0	0	-3	0	0	0	0

Black:	ok
Cyan:	ok
Magenta:	ok
Yellow:	ok

Spread CMY: 4 (informative)

Variation tolerances: mid-tone ± 4 , shadow ± 3

PRINT RUN 3500

Register deviation

KCMY	KC	KM	KY
ok	ok	ok	ok

Judgement of this sheet: **ok**

PRINT RUN 4000

Solid tone colours on black backing

Top left	Actual			OK print			ΔE^*_{ab}	
	L*	a*	b*	L*	a*	b*		
Black	17	2	2	16	2	2	1	ok
Cyan	57	-35	-48	55	-36	-50	4	ok
Magenta	47	74	-7	46	75	-7	1	ok
Yellow	87	-6	89	87	-6	89	0	ok



Top right	Actual			OK print			ΔE^*_{ab}	
	L*	a*	b*	L*	a*	b*		
Black	17	1	2	16	1	2	1	ok
Cyan	56	-36	-49	54	-36	-50	3	ok
Magenta	47	75	-7	47	74	-7	0	ok
Yellow	87	-6	90	87	-6	90	0	ok

Bottom center	Actual			OK print			ΔE^*_{ab}	
	L*	a*	b*	L*	a*	b*		
Black	17	1	2	16	1	2	1	ok
Cyan	56	-36	-49	54	-36	-51	2	ok
Magenta	47	75	-6	47	75	-6	0	ok
Yellow	88	-6	92	88	-6	92	0	ok

Variation tolerance KCM: 4

Variation tolerance Y: 5

PRINT RUN 4000

Tone value increases in %

Top left	K80	K40	C80	C40	M80	M40	Y80	Y40
Actual value	11,0	16,0	11,0	14,0	11,0	13,0	11,0	14,0
OK print	10,3	16,7	10,3	14,7	11,0	14,0	10,3	14,3
Difference	1	-1	1	-1	0	-1	1	0

Black:	ok
Cyan:	ok
Magenta:	ok
Yellow:	ok

Spread CMY: 1 (informative)

Variation tolerances: mid-tone ± 4 , shadow ± 3

Top right	K80	K40	C80	C40	M80	M40	Y80	Y40
Actual value	10,0	14,0	10,0	14,0	11,0	14,0	11,0	13,0
OK print	10,0	14,7	11,0	14,3	11,0	13,3	10,0	13,0
Difference	0	-1	-1	0	0	1	1	0

Black:	ok
Cyan:	ok
Magenta:	ok
Yellow:	ok

Spread CMY: 1 (informative)

Variation tolerances: mid-tone ± 4 , shadow ± 3

Bottom center	K80	K40	C80	C40	M80	M40	Y80	Y40
Actual value	10,0	14,0	10,0	12,0	11,0	13,0	11,0	16,0
OK print	10,0	14,3	10,0	13,7	10,7	13,0	11,0	14,7
Difference	0	0	0	-2	0	0	0	1

Black:	ok
Cyan:	ok
Magenta:	ok
Yellow:	ok

Spread CMY: 4 (informative)

Variation tolerances: mid-tone ± 4 , shadow ± 3

PRINT RUN 4000

Register deviation

KCMY	KC	KM	KY
ok	ok	ok	ok

Judgement of this sheet: ok

PRINT RUN 4500

Solid tone colours on black backing

Top left	Actual			OK print			ΔE^*_{ab}	
	L*	a*	b*	L*	a*	b*		
Black	16	1	2	16	2	2	0	ok
Cyan	56	-36	-49	55	-36	-50	2	ok
Magenta	47	75	-7	46	75	-7	0	ok
Yellow	88	-6	89	87	-6	89	0	ok

Top right	Actual			OK print			ΔE^*_{ab}	
	L*	a*	b*	L*	a*	b*		
Black	16	1	2	16	1	2	0	ok
Cyan	56	-36	-49	54	-36	-50	2	ok
Magenta	46	75	-6	47	74	-7	1	ok
Yellow	87	-6	90	87	-6	90	0	ok

Bottom center	Actual			OK print			ΔE^*_{ab}	
	L*	a*	b*	L*	a*	b*		
Black	16	1	2	16	1	2	0	ok
Cyan	55	-36	-50	54	-36	-51	1	ok
Magenta	46	75	-6	47	75	-6	1	ok
Yellow	88	-6	92	88	-6	92	0	ok

Variation tolerance KCM: 4

Variation tolerance Y: 5

PRINT RUN 4500

Tone value increases in %

Top left	K80	K40	C80	C40	M80	M40	Y80	Y40
Actual value	10,0	15,0	10,0	12,0	11,0	13,0	10,0	14,0
OK print	10,3	16,7	10,3	14,7	11,0	14,0	10,3	14,3
Difference	0	-2	0	-3	0	-1	0	0

Black:	ok
Cyan:	ok
Magenta:	ok
Yellow:	ok

Spread CMY: 2 (informative)

Variation tolerances: mid-tone ± 4 , shadow ± 3

Top right	K80	K40	C80	C40	M80	M40	Y80	Y40
Actual value	9,0	13,0	10,0	12,0	10,0	12,0	11,0	13,0
OK print	10,0	14,7	11,0	14,3	11,0	13,3	10,0	13,0
Difference	-1	-2	-1	-2	-1	-1	1	0

Black:	ok
Cyan:	ok
Magenta:	ok
Yellow:	ok

Spread CMY: 1 (informative)

Variation tolerances: mid-tone ± 4 , shadow ± 3

Bottom center	K80	K40	C80	C40	M80	M40	Y80	Y40
Actual value	10,0	14,0	10,0	12,0	11,0	13,0	11,0	15,0
OK print	10,0	14,3	10,0	13,7	10,7	13,0	11,0	14,7
Difference	0	0	0	-2	0	0	0	0

Black:	ok
Cyan:	ok
Magenta:	ok
Yellow:	ok

Spread CMY: 3 (informative)

Variation tolerances: mid-tone ± 4 , shadow ± 3

PRINT RUN 4500

Register deviation

KCMY	KC	KM	KY
ok	ok	ok	ok

Judgement of this sheet: **ok**

PRINT RUN 5000

Solid tone colours on black backing

Top left	Actual			OK print			ΔE^*_{ab}	
	L*	a*	b*	L*	a*	b*		
Black	16	1	2	16	2	2	0	ok
Cyan	56	-36	-49	55	-36	-50	2	ok
Magenta	47	75	-7	46	75	-7	0	ok
Yellow	87	-7	89	87	-6	89	0	ok

Top right	Actual			OK print			ΔE^*_{ab}	
	L*	a*	b*	L*	a*	b*		
Black	17	1	2	16	1	2	1	ok
Cyan	55	-37	-49	54	-36	-50	2	ok
Magenta	46	75	-6	47	74	-7	1	ok
Yellow	87	-6	91	87	-6	90	1	ok

Bottom center	Actual			OK print			ΔE^*_{ab}	
	L*	a*	b*	L*	a*	b*		
Black	17	1	2	16	1	2	1	ok
Cyan	55	-36	-50	54	-36	-51	1	ok
Magenta	47	75	-6	47	75	-6	1	ok
Yellow	88	-6	92	88	-6	92	1	ok

Variation tolerance KCM: 4

Variation tolerance Y: 5

PRINT RUN 5000

Tone value increases in %

Top left	K80	K40	C80	C40	M80	M40	Y80	Y40
Actual value	11,0	15,0	11,0	12,0	11,0	13,0	10,0	14,0
OK print	10,3	16,7	10,3	14,7	11,0	14,0	10,3	14,3
Difference	1	-2	1	-3	0	-1	0	0

Black:	ok
Cyan:	ok
Magenta:	ok
Yellow:	ok

Spread CMY: 2 (informative)

Variation tolerances: mid-tone ± 4 , shadow ± 3

Top right	K80	K40	C80	C40	M80	M40	Y80	Y40
Actual value	9,0	13,0	10,0	13,0	11,0	13,0	10,0	13,0
OK print	10,0	14,7	11,0	14,3	11,0	13,3	10,0	13,0
Difference	-1	-2	-1	-1	0	0	0	0

Black:	ok
Cyan:	ok
Magenta:	ok
Yellow:	ok

Spread CMY: 0 (informative)

Variation tolerances: mid-tone ± 4 , shadow ± 3

Bottom center	K80	K40	C80	C40	M80	M40	Y80	Y40
Actual value	10,0	14,0	11,0	12,0	11,0	13,0	11,0	15,0
OK print	10,0	14,3	10,0	13,7	10,7	13,0	11,0	14,7
Difference	0	0	1	-2	0	0	0	0

Black:	ok
Cyan:	ok
Magenta:	ok
Yellow:	ok

Spread CMY: 3 (informative)

Variation tolerances: mid-tone ± 4 , shadow ± 3

PRINT RUN 5000

Register deviation

KCMY	KC	KM	KY
ok	ok	ok	ok

Judgement of this sheet: ok

JUDGEMENT OF PRINT RUN

Number of good copies: **10** **ok**

At least 7 good copies out of 10

FINAL JUDGEMENT: **ok**