ISO/IEC TR 24705/2005(E)

Annex E: Form E for the frame area

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For this test the output (reproduction, display) and the ISO/IEC-test chart 1 or 3 (original, reference) is necessary

	the output (ie	production, disp			0 1001 01101		onginai, ron		0 110000000	
Please f	ill out or mark b	y (x) :								
Test of a	achromatic ISC	D/IEC-test chart ²	1()or ISO/IE	C-test	chart 3 ():	:				
ISO/IEC	-test chart: e. g.	Test chart 3 for c	olour devices (v	vrite te	ext from the	frame are	a of ISO/IEC-	-test char	t)	
ISO/IEC	-BAM-identifica	tion: e.g. 200312	01-DE88/10L/	(write	e code from	top right s	side)			
ISO/IEC	ISO/IEC-reference material: e. g. r(h/c)a4(r/t)(a/d) (write code from						bottom right side)			
File-nam	ne:	e.g.L88E00)NP.PDF	(write	e code from	top side)				
Reprod	uction techniq The usual output	ue for "halftone t technique for pri	(h)"()or "co nter and copier	n tinuo is (h) .	us tone (c) ⁴ For photo, fi	"() ilm. monit	or and scann	er it is (c)).	
						,				
Test of	reproduced lin	es according to	lines defining	rectan	gles in the	frame reg	gion:			
NOT least on ar	E: An ISO/IEC-r some complete n ISO/IEC-test c	eference test cha lines for the <i>inne</i> chart.	rt is in accordar r (thicker line) re	ice wit ectang	h the metho le. For this p	ds of this urpose the	Technical Re ere are betwe	port if the en 4 and	re are at 20 lines	
How ma	ny lines are on	the ISO/IEC-test	chart?			of max.	20 lines:	lines	are given	
How ma	How many lines of the ISO/IEC-test chart are reproduced? Are the four <i>(inner thicker)</i> lines of the inner rectangle fully reproduced?						n lines:		lines	
Are the									Yes/No	
If No: Ho	ow many <i>inner</i> li	nes are fully repr	oduced?			of giver	n 4 lines:		lines	
Tast of	agreement of t	he four 5-step a	ev scales acc	ording	to the grou	scales in	the frame r	agion.		
Are then	e clearly seen d	lifferences betwee	en the four 5-ste	n arev	scales near	scales If	corners?	egion.	Yes/No	
If Yes: Ir mark if t	ndicate by (x) – his is darker or	only one (x) – w lighter.	hich grey scale	deviat	es most fror	n the aver	age of the fou	ur grey sc	ales and	
	top left	() if	(x): Is this darl	() ker	or lighter ()?				
	top right	() if	(x) : Is this darl	() (()	or lighter ()?				
	bottom left	() if	(x): Is this dark	(er ()	or lighter ()?				
	bottom rigr	nt () if	(X): Is this dark	(er (or lighter ()?				
Test of t The widt referenc y-direction and s _y =	the scaling fac th and height of e) and the repro on must be calc = 0,98).	tors using width the inner rectang oduction (Δx_o and ulated. For this 3	and height of le in x- and y-di Δy_0 ; o = output) digits in mm and	the in rectior must t d with	ner rectang n in mm of th pe measured rounding like	le in the the the reference d. The sca the exar	frame regior ce test chart ling factors (s nple are used	1: $(\Delta x_r \text{ and } z_y)$ $S_x \text{ and } S_y)$ d (e. g. S_x	∆ <i>y</i> _r ; r = in <i>x</i> - and = 1,01	
	$s_x = \Delta x_o / \Delta$	$x_r = \dots mm / \dots$. mm = . ,		$s_y = \Delta y_o /$	$\Delta y_{\rm r} = \dots$	mm / mm	=.,		
NOT	E: The width $\Delta x_{\rm f}$	and height Δy_r of	the inner recta	ngle is	defined in A	PS-file (or	equivalent) a	s 282 mr	n in <i>x</i> -	
direc repro	tion and 194 mr oduction should	n in <i>y</i> -direction. To be measured with	o get high accur n the same ruler	acy of (do n	the two sca ot use value	ling factor s given fo	s both the or r the original)	iginal and	l the	
Test of t Are ther If Yes, ar	the shift of the e colour lines <i>C</i> nswer the follow	colour lines cor <i>, M, Y, O, L</i> and <i>V</i> ing questions:	npared to blac on the test char	k acco t beloi	ording to the	e lines of inner rect	inner rectar angles?	i gle of th Y	e frame: ïes/No	
NOT (≥ 0,2	E The lines of 2 2 mm) is presen	the inner rectangl it, it can be easily	e have a linewic seen.	th of (),3 mm. If a	shift of mo	ore than half	of this line	ewidth	
Choose	one of the two	<i>horizontal</i> lines ar bottom horizont	nd mark by (x) : tal line chosen ()	te	op horizor	ntal line chose	en ()		
Is there	a clearly seen (\geq 0,2 mm) shift of	a colour line C	, <i>M,</i> Y,	<i>O</i> , <i>L</i> and <i>V</i>	compared	I to the black	line N ?	<i>.</i>	
lf Yee' (C Yes/No	IVI Yes/No	Y Yes/No		O Yes/No	L	Yes/No	V Y	es/No mm	
Choose	one of the two	vertical lines and	mark by (x) :		0,	U	,	0, .		
		left vertical line	chosen ()		I	right vertio	cal line chose	en ()		
Is there	a clearly seen (\geq 0,2 mm) shift of	a colour line C	, M, Y,	<i>O, L</i> and <i>V</i>	compared	I to the black	line N ?		
	C Yes/No	M Yes/No	Y Yes/No	-	O Yes/No	Ĺ	Yes/No	V Y	′es/No	
If Yes: (D, . mm	0, . mm	0, . mm		0, . mm	C), . mm	0, .	mm	

TR24705/IDEGAF17.PDF

Form E for the visual interpreting of *achromatic* ISO/IEC-test chart (1 or 3) reproduction for colour devices according to ISO/IEC TR 24705/2004(E)