

Annex D: Form D for the picture area

This form may be freely copied

For this test the output (reproduction, display) and the ISO/IEC-test chart 4 (original, reference) is necessary

Test of the (flower) image according to picture D1

Are there clear (immediately conspicuous) differences between reproduction and reference test chart? Yes/No

Subjective remarks about the colour reproduction of the (flower) image, the CIE-test colours and the 16 grey steps:

.....

.....

.....

Test of the resolution in the radial gratings *W-O*, *W-L*, *W-V*, *W-N* and *W-Z* according to picture D2

	<i>W-O</i>	<i>W-L</i>	<i>W-V</i>	<i>W-N</i>	<i>W-Z</i>
Visual testing: Is the resolution diameter < 6 mm?	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
Test with magnifying glass: Resolution diameter mm				

Test of the 14 CIE-test colours according to picture D3

Are clear (immediately conspicuous) differences recognized between reproduction and test chart? Yes/No

If Yes: How many colours have clear differences? of the given 14 colours: Colours

Test of 16 visually equally spaced *L**-grey steps according to picture D3

Are all the 16-steps on the upper row distinguishable? Yes/No

If No: How many steps can be distinguished of the given 16 steps: Steps

Test of 16 visually equally spaced steps of the colour rows *W-O*, *W-L*, *W-V* and *W-N* according to picture D4

<i>W-O</i> White-Orangered:	Are all the 16-steps distinguishable?		Yes/No
	If No: How many steps can be distinguished?	of the given 16 steps: Steps
<i>W-L</i> White-Leafgreen:	Are all the 16-steps distinguishable?		Yes/No
	If No: How many steps can be distinguished?	of the given 16 steps: Steps
<i>W-V</i> White-Violetblue:	Are all the 16-steps distinguishable?		Yes/No
	If No: How many steps can be distinguished?	of the given 16 steps: Steps
<i>W-N</i> White-Black:	Are all the 16-steps distinguishable?		Yes/No
	If No: How many steps can be distinguished?	of the given 16 steps: Steps

Test of characters and Landolt-rings in four sizes according to picture D5

Is the recognition frequency > 50% for letters (17 from 32 at least) and for Landolt-rings (min. 5 of 8)?

Relative size	Letters	Rings N	Rings O	Rings L	Rings V
10	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
8	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
6	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
4	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No

Test of recognition frequency of Landolt-rings *W-O*, *W-L*, *W-V* and *W-N* according to pictures D6 and D7

Is the recognition frequency of the Landolt-rings > 50% (min. 5 of 8 at least)?

Colour row <i>W-O</i>	Colour row <i>W-L</i>	Colour row <i>W-V</i>	Colour row <i>W-N</i>
background – ring	background – ring	background – ring	background – ring
0 – 1	0 – 1	0 – 1	0 – 1
Yes/No	Yes/No	Yes/No	Yes/No
7 – 8	7 – 8	7 – 8	7 – 8
Yes/No	Yes/No	Yes/No	Yes/No
E – F	E – F	E – F	E – F
Yes/No	Yes/No	Yes/No	Yes/No
2 – 0	2 – 0	2 – 0	2 – 0
Yes/No	Yes/No	Yes/No	Yes/No
8 – 6	8 – 6	8 – 6	8 – 6
Yes/No	Yes/No	Yes/No	Yes/No
F – D	F – D	F – D	F – D
Yes/No	Yes/No	Yes/No	Yes/No

TR24705/IDEGAF16.PDF

Form D for the visual interpretation of the ISO/IEC-test chart 4 reproduction for colour devices according to ISO/IEC TR 24705/2004(E)