

# ISO 9241-306:2008-11 (E)

## Ergonomics of human-system interaction - Part 306: Field assessment methods for electronic visual displays

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		vi
<b>1</b>	<b>Scope .....</b>	<b>1</b>
<b>2</b>	<b>Normative references .....</b>	<b>1</b>
<b>3</b>	<b>Terms and definitions .....</b>	<b>1</b>
<b>4</b>	<b>Preparation for assessment .....</b>	<b>1</b>
4.1	Cathode ray tube (CRT) displays .....	1
4.2	Liquid crystal displays (LCD) .....	2
<b>5</b>	<b>Assessment methods .....</b>	<b>3</b>
5.1	Viewing conditions .....	3
5.2	Luminance .....	5
5.3	Special physical environments .....	7
5.4	Visual artefacts .....	8
5.5	Legibility and readability .....	11
5.6	Legibility of information coding .....	13
5.7	Legibility of graphics .....	14
5.8	Fidelity .....	15
<b>6</b>	<b>Other considerations .....</b>	<b>16</b>
6.1	Isotropic surface .....	16
6.2	Anisotropic surfaces .....	16
6.3	Viewing angle range .....	16
6.4	Adjustability .....	16
6.5	Controllability .....	17
6.6	Luminous environment .....	17
<b>Annex A (informative) Overview of the ISO 9241 series .....</b>		<b>18</b>
<b>Annex B (informative) Influences on ergonomics parameters of visual displays .....</b>		<b>22</b>
<b>Annex C (informative) Unwanted reflections .....</b>		<b>25</b>
<b>Annex D (informative) Display output linearization and evaluation of achromatic ISO/IEC test chart output for eight different ambient light reflections at office work places .....</b>		<b>28</b>
<b>Bibliography .....</b>		<b>45</b>