

DIN EN ISO 9241-143:2012-06 (E)

Ergonomics of human-system interaction - Part 143: Forms (ISO 9241-143:2012)

Contents		Page
Foreword		4
Introduction		5
1	Scope	7
2	Normative references	7
3	Terms and definitions	8
4	Forms	12
4.1	Selection	12
4.2	General requirements and recommendations	12
5	Information presentation	15
5.1	General	15
5.2	Layout	15
5.3	Names and labels	16
5.4	Visual cues in fields and forms elements	19
6	Interaction	21
6.1	Navigation	21
6.2	Navigation by tab keys and scrolling	22
6.3	Input focus and cursors	23
6.4	Input	27
6.5	User control	28
6.6	Feedback	30
6.7	Access to forms and dialogue boxes	31
6.8	Default values	33
6.9	Default actions for forms elements	34
7	Validation	36
7.1	Single-field validation	36
7.2	Multiple-field validation	36
8	Choice of form elements	36
8.1	Accessibility of form elements	36
8.2	Choice considerations	36
8.3	Push buttons	37
8.4	Toggle buttons	37
8.5	Text entry fields	37
8.6	Radio buttons	38
8.7	Check boxes	38
8.8	Stepper buttons	39
8.9	Single-selection list boxes	40
8.10	Multiple-selection list boxes	40
8.11	Pop-up/drop-down list	41
8.12	Combination boxes	42
8.13	Single-selection hierarchical lists	43
8.14	Multiple-selection hierarchical lists	44
8.15	Analogue form elements (slider, rotary dials and equivalents)	44
8.16	Tabbed form elements	45

9	Form element design	45
9.1	Alphanumeric text entry	45
9.2	Choice	47
9.3	List-based elements for choice	48
9.4	Tabs	52
9.5	Scroll bars	54
9.6	Push buttons and tool palettes	56
10	Conformance	58
Annex A (informative) Overview of the ISO 9241 series		59
Annex B (informative) Checklist for applying this part of ISO 9241		60
Bibliography		100