

ISO 7240-2:2003-09 (E)

Fire detection and alarm systems - Part 2: Control and indicating equipment

| Contents | | Page |
|--|---|-------------|
| Foreword | | iv |
| Introduction | | v |
| 1 | Scope | 1 |
| 2 | Normative references | 1 |
| 3 | Terms and definitions | 2 |
| 4 | General requirements | 4 |
| 5 | General requirements for indications | 4 |
| 6 | Quiescent condition | 5 |
| 7 | Fire alarm condition | 6 |
| 8 | Supervisory signal condition -- Optional function | 10 |
| 9 | Fault warning condition (see also Annex F) | 12 |
| 10 | Disabled condition -- Optional function | 15 |
| 11 | Test condition -- Optional function | 16 |
| 12 | Standardized input/output interface -- Optional function (see also Annex H) | 17 |
| 13 | Design requirements | 18 |
| 14 | Additional design requirements for software-controlled control and indicating equipment | 22 |
| 15 | Marking | 23 |
| 16 | Tests | 24 |
| Annex A (informative) Explanation of access levels | | 34 |
| Annex B (informative) Optional functions with requirements and alternatives | | 36 |
| Annex C (informative) Processing of signals from fire detectors | | 37 |
| Annex D (informative) Explanation of zones and zonal indication of fire alarms | | 38 |
| Annex E (informative) Delays to outputs | | 39 |
| Annex F (informative) Systems related to the supervisory signal condition | | 41 |
| Annex G (informative) Fault recognition and indication | | 42 |

| | |
|--|-----------|
| Annex H (informative) Standardized input/output interface for the connection of ancillary equipment (e.g. fire brigade panel) | 43 |
| Annex I (informative) Integrity of transmission paths | 44 |
| Annex J (informative) Design requirements for software-controlled control and indicating equipments | 45 |