

DIN EN ISO 15535:2008-05 (E)

General requirements for establishing anthropometric databases (ISO 15535:2006)

| Contents | | Page |
|---|---|-------------|
| Foreword | | 3 |
| Introduction | | 4 |
| 1 | Scope | 4 |
| 2 | Normative references | 5 |
| 3 | Terms and definitions | 5 |
| 4 | Data collection design | 6 |
| 4.1 | General | 6 |
| 4.2 | Definitions, techniques and conditions of measurement | 6 |
| 4.3 | Sampling techniques | 6 |
| 5 | Data collection requirements | 6 |
| 5.1 | Basic demographic description of subjects | 6 |
| 5.2 | Detection and treatment of measurement errors | 7 |
| 5.3 | Instrument accuracy | 7 |
| 5.4 | Sample composition | 7 |
| 5.5 | Sample size | 8 |
| 5.6 | Data-storage system | 8 |
| 5.7 | Type of clothing | 8 |
| 5.8 | Measurer training and quality control | 8 |
| 6 | Database format | 8 |
| 7 | Database contents | 9 |
| 7.1 | Required background data | 9 |
| 7.2 | Recommended background data | 9 |
| 7.3 | Anthropometric data | 9 |
| 7.4 | Complementary data | 9 |
| 8 | Anthropometric data sheets | 9 |
| 9 | Statistical processing | 9 |
| Annex A (normative) Method for estimating the number of subjects needed on a sample | | 11 |
| Annex B (normative) Anthropometric data sheet | | 14 |
| Annex C (informative) Example of anthropometric data sheet | | 15 |
| Annex D (informative) Method of calculating decimal-notation date and age | | 17 |
| Annex E (normative) Age stratification at specified growth period | | 19 |
| Annex F (normative) Procedure for preparing data and statistics | | 20 |
| Annex G (informative) Recommended scientific and technical objectives for setting up internationally compatible databases | | 22 |

| | |
|--|-----------|
| Annex H (informative) Application of measurements | 23 |
| Bibliography | 24 |