

DIN EN 913:2019-04 (E)

Gymnastic equipment - General safety requirements and test methods

| Contents | | Page |
|---|--|-------------|
| European foreword | | 3 |
| 1 | Scope | 4 |
| 2 | Normative references | 4 |
| 3 | Terms and definitions | 4 |
| 4 | Risk assessment | 5 |
| 5 | General safety requirements | 6 |
| 5.1 | Materials | 6 |
| 5.2 | Surface finish | 6 |
| 5.3 | Entrapment | 7 |
| 5.3.1 | Gaps and shearing/crushing points | 7 |
| 5.3.2 | Transport system | 8 |
| 5.3.3 | Floor fixings | 8 |
| 5.4 | Stability and strength | 8 |
| 5.4.1 | General | 8 |
| 5.4.2 | Stability | 8 |
| 5.4.3 | Strength | 8 |
| 5.5 | Adjustment devices | 8 |
| 5.6 | Shock absorption of top padding | 8 |
| 5.7 | Friction and abrasion | 9 |
| 5.8 | Ergonomics | 9 |
| 6 | Marking | 9 |
| 7 | Manufacturer Instructions | 9 |
| Annex A (normative) Test methods for entrapment | | 10 |
| Annex B (normative) Mechanical loading for determination of stability and strength | | 20 |
| Annex C (normative) Determination of shock absorption of padding | | 24 |
| Bibliography | | 26 |