

DIN EN 474-3:2023-02 (E)

Earth-moving machinery - Safety - Part 3: Requirements for loaders (includes Corrigendum:2022)

| Contents | | Page |
|---|---|-------------|
| European foreword | | 3 |
| Introduction | | 5 |
| 1 | Scope | 6 |
| 2 | Normative references | 6 |
| 3 | Terms and definitions | 7 |
| 4 | Safety requirements and/or protective/risk reduction measures | 9 |
| 4.1 | General | 9 |
| 4.2 | Operator's station | 9 |
| 4.3 | Seat | 9 |
| 4.4 | Operator's controls and indicators | 9 |
| 4.5 | Protectives measures and devices | 10 |
| 4.6 | Stability | 10 |
| 4.7 | Lifting operation | 13 |
| 5 | Verification of the safety requirements and/or protective/risk reduction measures | 13 |
| 6 | Information for use | 14 |
| 6.1 | General | 14 |
| 6.2 | Machine safety labels | 14 |
| 6.3 | Operator's manual | 15 |
| Annex A (informative) List of significant hazards | | 16 |
| Annex B (normative) Telescopic loaders | | 21 |
| B.1 | General | 21 |
| B.2 | Stability | 21 |
| B.3 | Limitation of stroke | 25 |
| B.4 | Verification of LLMI and LLMC | 25 |
| B.5 | Information for use | 25 |
| B.6 | Verification of safety requirements and/or protective/risk reduction measures | 27 |
| Annex C (informative) Illustrations | | 29 |
| Annex ZA (informative) Relationship between this European Standard and the essential requirements of Directive 2006/42/EC machinery, and amending Directive 95/16/EC (recast) [2006 L157] aimed to be covered | | 32 |
| Bibliography | | 37 |