

DIN EN 474-10:2023-02 (E)

Earth-moving machinery - Safety - Part 10: Requirements for trenchers

| 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 | Access requirements for truck vacuum trenchers | 9 |
| 4.3 | Operator's station | 10 |
| 4.4 | Seat | 11 |
| 4.5 | Operator's controls and indicators | 11 |
| 4.6 | Visibility | 13 |
| 4.7 | Forward horns and safety signs | 13 |
| 4.8 | Noise emission measurement | 13 |
| 4.9 | Protective measures and devices | 13 |
| 4.10 | Electrical and electronic systems | 17 |
| 4.11 | Hydraulic fluid systems | 17 |
| 4.12 | Fuel tanks, DEF/urea tanks, hydraulic tanks and pressure vessels | 18 |
| 4.13 | Fire protection | 18 |
| 4.14 | Maintenance | 18 |
| 4.15 | Additional requirements for truck-vacuum trenchers | 19 |
| 4.16 | Additional requirements for belt conveyors | 19 |
| 5 | Verification of the safety requirements and/or protective/risk reduction measures | 20 |
| 6 | Information for use | 22 |
| 6.1 | General | 22 |
| 6.2 | Machine safety labels | 22 |
| 6.3 | Operator's manual | 23 |
| Annex A (informative) List of significant hazards | | 25 |
| Annex B (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 | | 36 |
| Bibliography | | 41 |