

# DIN EN 474-9:2023-02 (E)

## Earth-moving machinery - Safety - Part 9: Requirements for pipelayers

---

<b>Contents</b>		<b>Page</b>
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 .....	8
4.1	General .....	8
4.2	Operator's station .....	8
4.3	Seat .....	8
4.4	Operator's controls and indicators .....	8
4.5	Visibility .....	9
4.6	Lifting operation .....	9
4.7	Rear mounted winch .....	10
4.8	Noise emission measurement .....	10
5	Verification of the safety requirements and/or protective/risk reduction measures .....	11
6	Information for use .....	12
6.1	General .....	12
6.2	Machine safety label .....	12
6.3	Operator's manual .....	13
6.4	Machine marking .....	13
Annex A (informative) List of significant hazards .....		14
Annex B (informative) Illustrations .....		18
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 .....		20
Bibliography .....		25