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