

DIN EN 474-4:2010-02 (E)

Earth-moving machinery - Safety - Part 4: Requirements for backhoe loaders (includes Amendment A1:2009)

Contents	Page
Foreword	4
Introduction	6
1 Scope	7
2 Normative references	7
3 Terms and definitions	8
4 List of additional significant hazards	8
5 Safety requirements and/or measures	8
5.1 General	8
5.2 Protection	8
5.3 Operator's station	9
5.4 5.5 Stability	10
5.6 Travelling and transportation	15
6 Information for use	15
Requirements of EU Directive 98/37/EC	23
! Requirements of EU Directive 2006/42/EC"....."	24
Bibliography	25
Figures Figure 1 -- Deflection-limiting volume (DLV), front view	9
Figure 2 -- Load centre distance	12
Figure C.1 -- Wheel backhoe loader	21
Figure C.2 -- Compact wheel backhoe loader	21
Figure C.3 -- Crawler backhoe loader	22
Figure C.4 -- Backhoe loader with pole erecting attachment	22
Figure C.5 -- Backhoe loader with earth drill	22
Tables Table 1 -- Stability factors in fork application	11
Annex ZA (informative) Relationship between this European Standard and the Essential Annex ZB (informative) !!Relationship between this European Standard and the Essential Warning devices	10
Annex A (normative) List of additional significant hazards - Backhoe loaders	16
Annex B (normative) Test method for backhoe loader lift capacity at the backhoe portion	18

Annex C (informative) Illustrations	21
Table 2 -- Load centre distance	12
Table 3 -- Stability factors in log handling	12
Table A.1 -- List of additional significant hazards	16