

# DIN EN 474-6:2010-05 (E)

## Earth-moving machinery - Safety - Part 6: Requirements for dumpers (includes Amendment A1:2009)

---

<b>Contents</b>		<b>Page</b>
Foreword .....		4
Introduction .....		6
1 Scope .....		7
2 Normative references .....		7
3 Terms and definitions .....		7
4 List of additional significant hazards .....		8
5 Requirements and/or measures .....		8
5.1 General .....		8
5.2 Dump body .....		9
5.3 Retarder .....		9
5.4 Articulated frame lock .....		9
5.5 Roll-over protective structures (ROPS) .....		9
5.6 Falling object protective structure (FOPS) .....		10
5.7 Operator's station .....		11
5.8 Steering system .....		12
6 Information for use .....		12
Annex A (normative) List of additional significant hazards - Dumpers .....		13
Annex B (informative) Illustrations .....		14
Annex ZA (informative) Relationship between this European Standard and the Essential Requirements of EU Directive 98/37/EC .....		16
Annex ZB (informative) Relationship between this European Standard and the Essential Requirements of EU Directive 2006/42/EC .....		17
Bibliography .....		18
Figures Figure 1 -- Deflection-limiting volume (DLV), front view .....		10
Figure B.1 -- Rigid frame dumper .....		14
Figure B.2 -- Articulated frame dumper .....		14
Figure B.3 -- Crawler dumper .....		14
Figure B.4 -- Wheel compact dumper .....		15
Figure B.5 -- Crawler compact dumper .....		15
Figure B.6 -- Compact dumper with self-loading equipment .....		15
Tables Table A.1 -- List of additional significant hazards .....		13