

DIN EN 1248:2010-06 (E)

Foundry machinery - Safety requirements for abrasive blasting equipment (includes Amendment A1:2009)

Contents	Page
Foreword	4
Introduction	5
1 Scope	5
2 Normative references	6
3 Terms and definitions	7
4 "List of significant hazards"	8
5 Safety requirements and/or measures	9
5.1 "General"	9
6 Verification of the safety requirements and/or measures	24
7 Information for use	24
7.1 "General"	24
7.2 Warning devices and safety signs	24
7.3 Marking	25
7.4 "Accompanying documents"	25
8 Maximum concentration of hazardous substances in shot blasting abrasives	27
Annex A (normative) Description of equipment covered by this standard	28
Annex B (informative) Illustrative solutions for safety measures of blasting equipment	29
Annex ZA (informative) "Relationship between this European Standard and the Essential Requirements of EU Directive 98/37/EC"	37
Annex ZB (informative) "Relationship between this European Standard and the Essential Requirements of EU Directive 2006/42/EC"	38
Bibliography	39
Figures Figure B.1 -- Processing scheme with abrasive blasting media preparation (see 3.2)"	29
Figure B.2 -- Shot blast wheel cover safety device (see 5.2)	30
Figure B.3 -- Shot blast wheel cover safety device (see 5.2)	31
Figure B.4 -- Safety measures against the propelling of abrasive blasting media (see 5.3.1.2)	32
Figure B.5 -- Blasting chamber door (see 5.3.1.3 and 5.3.1.5)	33
Figure B.6 -- Door locking (see 5.3.1.3)	34
Figure B.7 -- Safety catch of loading flap (see 5.6.1)	35

Figure B.8 -- Fixed guard (see 5.7.1)	36
Tables !Table 1 -- Significant hazards, hazardous situations, safety requirements and/or measures"	11