

DIN EN 1247:2010-12 (E)

Foundry machinery - Safety requirements for ladles, pouring equipment, centrifugal casting machines, continuous and semi continuous casting machines (includes Amendment A1:2010)

Contents		Page
page	Foreword	3
	Introduction	4
1	Scope	4
2	Normative references	5
3	Terms and definitions	6
4	List of significant hazards	8
5	Safety requirements and/or measures	8
5.1	General	8
5.2	Ladles	10
5.3	Pouring equipment	13
5.4	Centrifugal casting machines	17
5.5	Continuous and semi continuous casting machines for non-ferrous metals	20
5.6	Noise emission measurement and declaration according to EN 1265:1999+A1:2008	26
6	Verification of the safety requirements and/or measures	27
7	Information for use	28
7.1	General	28
7.2	Warning devices and safety signs	28
7.3	Marking	28
7.4	Accompanying documents	29
	Annex A (informative) Methods of testing flammability of hydraulic fluids	31
A.1	General	31
A.2	Example 1 (German Technical Supervision Company TÜV)	31
A.2.1	Principle	31
A.2.2	Procedure	31
A.2.3	Evaluation	31
A.2.4	Source of supply:	31
A.3	Example 2 (7th Luxembourg report)	31
A.3.1	Test of the sprayed spurt	31
A.3.2	Determination of the flame propagation within the mixture of coal dust and fluid	32
A.3.3	Source of supply	32
	Annex B (informative) Examples for typical designs	33
	Annex ZA (informative) Relationship between this European Standard and the Essential Requirements of EU Directive 2006/42/EC	39
	Bibliography	40