

Irish Standard I.S. EN 16716:2017

Mountaineering equipment - Avalanche airbag systems - Safety requirements and test methods

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I.S. EN 16716:2017

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This document is based on: Published:

EN 16716:2017 2017-02-15

This document was published ICS number:

under the authority of the NSAI

and comes into effect on: 13.340.99 97.220.20 2017-03-06 97.220.40

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EUROPEAN STANDARD

EN 16716

NORME EUROPÉENNE

EUROPÄISCHE NORM

February 2017

ICS 13.340.99; 97.220.20; 97.220.40

English Version

Mountaineering equipment - Avalanche airbag systems - Safety requirements and test methods

Équipement d'alpinisme et d'escalade - Systèmes de sac gonflable anti-ensevelissement lors d'une avalanche - Exigences de sécurité et méthodes d'essai Bergsteigerausrüstung - Lawinen-Airbag-Systeme -Sicherheitstechnische Anforderungen und Prüfverfahren

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EN 16716:2017 (E)

Con	tents	Page
Europ	ean foreword	3
Introd	duction	4
1	Scope	5
2	Normative references	5
3	Terms and definitions	
4	Safety requirements	
4.1 4.1.1	FunctionActivation system	
4.1.1 4.1.2	Carrying system	
4.1.2 4.2	Design	
4.2.1	Performance	
4.2.2	Material requirements	
4.2.3	Ergonomic requirements	
4.2.4	Detachable airbag systems	
4.2.5	Electric airbag systems	
5	Test methods	12
5.1	General	
5.2	Test of activation force	
5.3	Test of activation distance	
5.4	Test of airbag inflation	
5.5	Test of airbag volume	
5.6	Test of rated number of deployments	12
5.7	Test of condensation effects on the activation system	13
5.8	Test of working time span/low temperature test	13
5.9	Test of high temperature damage	
5.10	Cold temperature deployment	
5.11	Test of minimum battery reserve time	
5.12	Test of Airbag Pressure	
5.13	Test of airbag burst pressure	
5.14	Impact test of the airbag	
5.15	Test of influence of snow during deployment	
5.16	Test of practical deployment	
5.17	Test of carrying system	
5.18	Test of pull-off-strength	
5.19	Practical tests	
5.20	Corrosion resistance test	15
6	Marking	15
7	Information supplied by the manufacturer	16
Annex	x A (informative) Standards on mountaineering equipment	18
Annex	x ZA (informative) Relationship between this European Standard and the essential	
	requirements of Directive 89/686/EEC aimed to be covered	19
Biblio	ography	20

EN 16716:2017 (E)

European foreword

This document (EN 16716:2017) has been prepared by Technical Committee CEN/TC 136 "Sports, playground and other recreational facilities and equipment", the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by August 2017, and conflicting national standards shall be withdrawn at the latest by August 2017.

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EN 16716:2017 (E)

Introduction

This European Standard is one of a package of standards for mountaineering equipment, see Annex A.

1 Scope

This European Standard specifies safety requirements and test methods for avalanche airbag systems to reduce the risk of being buried by a snow avalanche.

This European Standard does not consider personal protection against impact or cold temperature.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 12277, Mountaineering equipment — Harnesses — Safety requirements and test methods

EN 55014-1, Electromagnetic compatibility — Requirements for household appliances, electric tools and similar apparatus — Part 1: Emission (CISPR 14-1)

EN 55014-2, Electromagnetic compatibility — Requirements for household appliances, electric tools and similar apparatus — Part 2: Immunity — Product family standard (CISPR 14-2)

EN 60335-1, Household and similar electrical appliances — Safety — Part 1: General requirements (IEC 60335-1)

EN 60335-2-29, Household and similar electrical appliances — Safety — Part 2-29: Particular requirements for battery chargers (IEC 60335-2-29)

EN 60335-2-30, Household and similar electrical appliances — Safety — Part 2-30: Particular requirements for room heaters (IEC 60335-2-30)

EN 60335-2-80, Household and similar electrical appliances — Safety — Part 2-80: Particular requirements for fans (IEC 60335-2-80)

EN 60529, Degrees of protection provided by enclosures (IP Code) (IEC 60529)

EN 61000-6-2, Electromagnetic compatibility (EMC) — Part 6-2: Generic standards — Immunity for industrial environments (IEC 61000-6-2)

EN 61000-6-3, Electromagnetic compatibility (EMC) — Part 6-3: Generic standards — Emission standard for residential, commercial and light-industrial environments (IEC 61000-6-3)

EN 61558-2-16, Safety of transformers, reactors, power supply units and similar products for supply voltages up to 1 100 V — Part 2-16: Particular requirements and tests for switch mode power supply units and transformers for switch mode power supply units (IEC 61558-2-16)

EN 62133, Secondary cells and batteries containing alkaline or other non-acid electrolytes — Safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications (IEC 62133)

EN ISO 9227, Corrosion tests in artificial atmospheres — Salt spray tests (ISO 9227)

EN ISO 13849-1:2015, Safety of machinery — Safety-related parts of control systems — Part 1: General principles for design (ISO 13849-1:2015)



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