

Personal eye protection — Eye protectors for snowmobile users

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Summary of pages

This document comprises a front cover, an inside front cover, the EN title page, pages 2 to 14, an inside back cover and a back cover.

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Persönlicher Augenschutz – Augenschutzgeräte für
Benutzer von Motorschlitten

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This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

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Foreword

This European Standard has been prepared by Technical Committee CEN/TC 85, Eye protective equipment, the Secretariat of which is held by AFNOR.

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of an identical text or by endorsement, at the latest by October 2000, and conflicting national standards shall be withdrawn at the latest by October 2000.

This European Standard has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For relationship with EU Directive(s), see informative Annex ZA, which is an integral part of this standard.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

1 Scope

This European Standard specifies requirements and test methods for eye protectors for snowmobile users. They are intended to protect the user from risks of mechanical impacts, corneal freezing, and from factors which may adversely affect the wearer's vision, such as UV radiation, sunglare and fogging.

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

- EN 165, *Personal eye-protection - Vocabulary*
- prEN 166:1998, *Personal eye-protection - Specifications*
- prEN 167,1998, *Personal eye-protection - Optical test methods*
- prEN 168,1998, *Personal eye-protection - Non-optical test methods*
- prEN 174:1998, *Personal eye-protection - Ski goggles for downhill skiing*
- EN 1836:1997, *Personal eye-protection - Sunglasses and sunglare filters for general use*

3 Terms and definitions

For the purposes of this European Standard, the terms and definitions given in EN 165 apply.

4 Requirements

4.1 Design and manufacture

4.1.1 General requirements

The eye protectors shall be free from projections, sharp edges or other defects, which are likely to cause discomfort or injury during intended use or in the event of an accident.

Testing shall be done according to 5.1.

4.1.2 Materials

The manufacturer should not use frame materials that are known to cause irritation, toxic reaction, or other harm during wear in contact with skin in normal state of health or which may freeze to the skin at low temperatures.

Testing shall be done according to 5.1.

NOTE: Reactions may be generated by excessive pressure, chemical irritation or allergy. Rare or idiosyncratic reactions may occur to any material and may indicate the need for the individual to avoid particular types of frames.