



Institut luxembourgeois de la normalisation  
de l'accréditation, de la sécurité et qualité  
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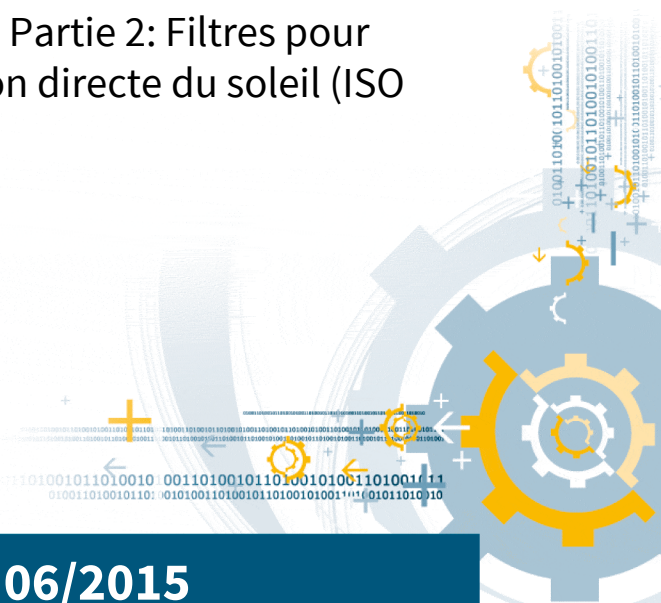
## ILNAS-EN ISO 12312-2:2015

### **Eye and face protection - Sunglasses and related eyewear - Part 2: Filters for direct observation of the sun (ISO 12312-2:2015)**

Augen- und Gesichtsschutz -  
Sonnenbrillen und ähnlicher  
Augenschutz - Teil 2: Filter für die direkte  
Beobachtung der Sonne (ISO

Protection des yeux et du visage -  
Lunettes de soleil et articles de lunetterie  
associés - Partie 2: Filtres pour  
l'observation directe du soleil (ISO

06/2015



## National Foreword

This European Standard EN ISO 12312-2:2015 was adopted as Luxembourgish Standard ILNAS-EN ISO 12312-2:2015.

Every interested party, which is member of an organization based in Luxembourg, can participate for FREE in the development of Luxembourgish (ILNAS), European (CEN, CENELEC) and International (ISO, IEC) standards:

- Participate in the design of standards
- Foresee future developments
- Participate in technical committee meetings

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English Version

Eye and face protection - Sunglasses and related eyewear - Part  
2: Filters for direct observation of the sun (ISO 12312-2:2015)

Protection des yeux et du visage - Lunettes de soleil et  
articles de lunetterie associés - Partie 2: Filtres pour  
l'observation directe du soleil (ISO 12312-2:2015)

Augen- und Gesichtsschutz - Sonnenbrillen und ähnlicher  
Augenschutz - Teil 2: Filter für die direkte Beobachtung der  
Sonne (ISO 12312-2:2015)

This European Standard was approved by CEN on 16 April 2015.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

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 CEN-CENELEC Management Centre has the same status as the official versions.

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EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

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## European foreword

This document (EN ISO 12312-2:2015) has been prepared by Technical Committee ISO/TC 94 “Personal safety - Protective clothing and equipment” in collaboration with 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 December 2015, and conflicting national standards shall be withdrawn at the latest by December 2015.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document 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.

For relationship with EU Directive, see informative Annex ZA, which is an integral part of this document.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

## Endorsement notice

The text of ISO 12312-2:2015 has been approved by CEN as EN ISO 12312-2:2015 without any modification.

## Annex ZA (informative)

### Relationship between this European Standard and the Essential Requirements of EU Directive 89/686/EEC Personal protective equipment

This European Standard has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association to provide a means of conforming to Essential Requirements of the New Approach Directive 89/686/EEC – Personal Protective Equipment.

Once this standard is cited in the Official Journal of the European Union under that Directive and has been implemented as a national standard in at least one Member State, compliance with the clauses of this standard given in Table ZA.1 confers, within the limits of the scope of this standard, a presumption of conformity with the corresponding Essential Requirements of that Directive and associated EFTA regulations.

**Table ZA.1 — Correspondence between this European Standard and Directive 89/686/EEC**

Clause(s)/sub-clause(s) of this European Standard	Essential Requirements (ERs) of Directive 89/686/EEC	Qualifying remarks/Notes
4.3.3	1.2.1.1. Suitable constituent materials	
4.3.3	1.2.1.2. Satisfactory surface condition of all PPE parts in contact with the user	
4.2.1	1.2.1.3. Maximum permissible user impediment	
4.3.1, 4.3.2	1.3.1. Adaptation of PPE to user morphology	
5	1.4. Information supplied by the manufacturer	
4.3.2	2.3. PPE for the face, eyes and respiratory tracts	Subclause 4.3.2 covers only the first paragraph of this ER. Other paragraphs are not relevant for the intended use.
4.1, 4.3.2	3.9.1. Non-ionizing radiation	Subclauses 4.1 and 4.3.2 cover the first two paragraphs of this ER. Other paragraphs are not relevant for the intended use.

**WARNING:** Other requirements and other EU Directives may be applicable to the product(s) falling within the scope of this standard.