



# SLOVENSKI STANDARD

## SIST EN ISO 11145:2008

01-september-2008

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**Optika in fotonska tehnologija - Laserji in z laserji povezana oprema - Slovar in simboli (ISO 11145:2006)**

Optics and photonics - Lasers and laser-related equipment - Vocabulary and symbols (ISO 11145:2006)

**iTeh STANDARD PREVIEW**  
Optik und Photonik - Laser und Laseranlagen - Begriffe und Formelzeichen (ISO 11145:2006) **(standards.iteh.ai)**

Optique et photonique - Lasers et équipements associés aux lasers - Vocabulaire et symboles (ISO 11145:2006) <https://standards.iteh.ai/catalog/standards/sist/10ddd4c9-cb93-4d44-8861-5f2c68473f0b/sist-en-iso-11145-2008>

**Ta slovenski standard je istoveten z:** **EN ISO 11145:2008**

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**ICS:**

01.040.31	Elektronika (Slovarji)	Electronics (Vocabularies)
01.080.40	Ó!æä } àí ä à[   Á æ Á ] [  æ[ Á  ä àæ Æææ  æ[ æææ æ  æææ ^ ^\ d[ c@ å æ Á  ^\ d[ } å å c! Á Á • d^: } å ^@ å } å ] ;[ å ç[ å} å[ \ ^ { ^ } cæææ	Graphical symbols for use on electrical and electronics engineering drawings, diagrams, charts and in relevant technical product documentation
31.260	Optoelektronika, laserska oprema	Optoelectronics. Laser equipment

**SIST EN ISO 11145:2008**

**en**

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**EUROPEAN STANDARD**  
**NORME EUROPÉENNE**  
**EUROPÄISCHE NORM**

**EN ISO 11145**

July 2008

ICS 01.080.40; 31.260; 01.040.31

Supersedes EN ISO 11145:2006

English Version

**Optics and photonics - Lasers and laser-related equipment -  
Vocabulary and symbols (ISO 11145:2006)**

Optique et photonique - Lasers et équipements associés  
aux lasers - Vocabulaire et symboles (ISO 11145:2006)

Optik und Photonik - Laser und Laseranlagen - Begriffe und  
Formelzeichen (ISO 11145:2006)

This European Standard was approved by CEN on 22 June 2008.

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

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## Foreword

The text of ISO 11145:2006 has been prepared by Technical Committee ISO/TC 172 "Optics and optical instruments" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 11145:2008 by Technical Committee CEN/TC 123 "Lasers and photonics" 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 January 2009, and conflicting national standards shall be withdrawn at the latest by January 2009.

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 supersedes EN ISO 11145:2006.

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 EC Directive(s).

For relationship with EC Directives, see informative Annexes ZA and ZB, which are integral part of this document.

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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, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

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## Endorsement notice

The text of ISO 11145:2006 has been approved by CEN as a EN ISO 11145:2008 without any modification.

**Annex ZA**  
(informative)**Relationship between this European Standard and the Essential Requirements of EU Directive 98/37/EC**

This European Standard has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association to provide one means of conforming to Essential Requirements of the New Approach Directive 98/37/EC.

Once this standard is cited in the Official Journal of the European Communities under that Directive and has been implemented as a national standard in at least one Member State, compliance with the normative clauses of this standard confers, within the limits of the scope of this standard, a presumption of conformity with the relevant Essential Requirements 1.5.10 *Radiation* and 1.5.12 *Laser equipment* of that Directive and associated EFTA regulations.

**WARNING:** Other requirements and other EU Directives may be applicable to the products falling within the scope of this International standard.

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## Annex ZB (informative)

### Relationship between this European Standard and the Essential Requirements of EU Directive 2006/42/EC

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 2006/42/EC on machinery.

Once this standard is cited in the Official Journal of the European Communities under that Directive and has been implemented as a national standard in at least one Member State, compliance with the normative clauses of this standard confers, within the limits of the scope of this standard, a presumption of conformity with the relevant Essential Requirements 1.5.10 *Radiation* and 1.5.12 *Laser radiation* of that Directive and associated EFTA regulations.

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

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INTERNATIONAL  
STANDARD

ISO  
11145

NORME  
INTERNATIONALE

Third edition  
Troisième édition  
2006-05-01

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**Optics and photonics — Lasers and  
laser-related equipment — Vocabulary  
and symbols**

Optique et photonique — Lasers et  
équipements associés aux lasers —  
Vocabulaire et symboles  
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## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this International Standard may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 11145 was prepared by Technical Committee ISO/TC 172, *Optics and photonics*, Subcommittee SC 9, *Electro-optical systems*.

This third edition cancels and replaces the second edition (ISO 11145:2001), which has been technically revised.

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