
**Varnost strojev - Laserski obdelovalni stroji - 1. del: Varnostne zahteve za laser
(ISO 11553-1:2020)**

Safety of machinery - Laser processing machines - Part 1: Laser safety requirements
(ISO 11553-1:2020)

Sicherheit von Maschinen - Laserbearbeitungsmaschinen - Teil 1: Anforderungen an die
Sicherheit von Lasern (ISO 11553-1:2020)

Sécurité des machines - Machines à laser - Partie 1: Exigences de sécurité laser (ISO
11553-1:2020)

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Ta slovenski standard je istoveten z: EN ISO 11553-1:2020/A11:2021

ICS:

13.110	Varnost strojev	Safety of machinery
31.260	Optoelektronika, laserska oprema	Optoelectronics. Laser equipment

SIST EN ISO 11553-1:2020/A11:2021 **en,fr,de**

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

**EN ISO 11553-
1:2020/A11**

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ICS 13.110; 31.260

English Version

Safety of machinery - Laser processing machines - Part 1: Laser safety requirements (ISO 11553-1:2020)

Sécurité des machines - Machines à laser - Partie 1:
Exigences de sécurité laser (ISO 11553-1:2020)

Sicherheit von Maschinen -
Laserbearbeitungsmaschinen - Teil 1: Anforderungen
an die Sicherheit von Lasern (ISO 11553-1:2020)

This amendment A11 modifies the European Standard EN ISO 11553-1:2020; it was approved by CEN on 14 October 2020.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for inclusion of this amendment into the relevant 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 amendment 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
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EUROPÄISCHES KOMITEE FÜR NORMUNG

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European foreword

This document (EN ISO 11553-1:2020/A11:2020) has been prepared by Technical Committee CEN/TC 123 “Lasers and photonics” the secretariat of which is held by DIN.

This Amendment to the European Standard EN ISO 11553-1:2020 shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by May 2021, and conflicting national standards shall be withdrawn at the latest by May 2021.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN 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(s).

For the relationship with EU Directive(s) 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, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

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Annex ZA (informative)

Relationship between this European Standard and the essential requirements of Directive 2006/42/EC aimed to be covered

This European Standard has been prepared under a Commission's standardization request "M/396 Mandate to CEN and CENELEC for Standardisation in the field of machinery" to provide one voluntary means of conforming to essential requirements of Directive 2006/42/EC of the European Parliament and of the Council of 17 May 2006 on machinery, and amending Directive 95/16/EC (recast).

Once this standard is cited in the Official Journal of the European Union under that Directive, compliance with the normative 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 Annex I of Directive 2006/42/EC

The relevant Requirements of Directive 2006/42/EC	Essential Requirements of Directive 2006/42/EC	Clause(s)/sub-clause(s) of this EN	Remarks/Notes
1.5.12		Clause 5, 6, 7 and 8.	
1.7.4.2, m,		Clause 7.	Related to the aspect of laser radiation.

WARNING 1 — Presumption of conformity stays valid only as long as a reference to this European Standard is maintained in the list published in the Official Journal of the European Union. Users of this standard should consult frequently the latest list published in the Official Journal of the European Union.

WARNING 2 — Other Union legislation may be applicable to the product(s) falling within the scope of this standard.