

Optics and optical instruments — Lasers and laser-related equipment — Test methods for laser beam power, energy and temporal characteristics

The European Standard EN ISO 11554:2003 has the status of a British Standard

ICS 31.260

National foreword

This British Standard is the official English language version of EN ISO 11554:2003. It is identical with ISO 11554:2003. It supersedes BS EN ISO 11554:1999 which is withdrawn.

The UK participation in its preparation was entrusted by Technical Committee CPW/172, Optics and optical instruments, to Subcommittee CPW/172/9, Electro-optical systems, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

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Summary of pages

This document comprises a front cover, an inside front cover, the EN ISO title page, the EN ISO foreword page, the ISO title page, pages ii to v, a blank page, pages 1 to 15 and a back cover.

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Optique et instruments d'optique - Lasers et équipements
associés aux lasers - Méthodes d'essai de la puissance et
de l'énergie des faisceaux lasers et de leurs
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Optik und optische Instrumente - Laser und Laseranlagen -
Prüfverfahren für Leistung, Energie und Kenngrößen des
Zeitverhaltens von Laserstrahlen (ISO 11554:2003)

This European Standard was approved by CEN on 24 February 2003.

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Foreword

This document (EN ISO 11554:2003) has been prepared by Technical Committee ISO/TC 172 "Optics and optical instruments" in collaboration with Technical Committee CEN/TC 123 "Lasers and laser-related 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of an identical text or by endorsement, at the latest by October 2003, and conflicting national standards shall be withdrawn at the latest by October 2003.

This document supersedes EN ISO 11554:1998.

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).

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, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and the United Kingdom.

NOTE FROM CMC The foreword is susceptible to be amended on reception of the German language version. The confirmed or amended foreword, and when appropriate, the normative annex ZA for the references to international publications with their relevant European publications will be circulated with the German version.

Endorsement notice

The text of ISO 11554:2003 has been approved by CEN as EN ISO 11554:2003 without any modifications.

INTERNATIONAL STANDARD

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Optics and optical instruments — Lasers and laser-related equipment — Test methods for laser beam power, energy and temporal characteristics

*Optique et instruments d'optique — Lasers et équipements associés aux
lasers — Méthodes d'essai de la puissance et de l'énergie des faisceaux
lasers et de leurs caractéristiques temporelles*



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Foreword

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

The main task of technical committees is to prepare International Standards. 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 document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 11554 was prepared by Technical Committee ISO/TC 172, *Optics and optical instruments*, Subcommittee SC 9, *Electro-optical systems*.

This second edition cancels and replaces the first edition (ISO 11554:1998), which has been technically revised.