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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 7247.14-2025

Replacing GB/T 7247.14-2012

**Safety of laser products - Part 14: A user's guide
(English Translation)**

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents" Drafting.

This document is Part 14 of GB/T 7247 Safety of Laser Products. GB/T 7247 has been published in the following parts.

- Part 1: Equipment classification and requirements;
- Part 2: Safety of optical fiber communication systems (OFCS);
- Part 3: Guidelines for laser shows and performances;
- Part 4: Laser protection screens;
- Part 5: Producer's checklist for GB/T 7247.1;
- Part 9: Maximum permissible exposure to incoherent optical radiation;
- Part 13: Classification measurement of laser products;
- Part 14: User Guide.

This document replaces GB/T 7247.14-2012 "Safety of Laser Products Part 14: User Guide" and GB/T 7247.14-2012, in addition to structural adjustments and editorial changes, the main technical changes are as follows.

- a) The description "This part does not include light-emitting diodes (LEDs)" has been deleted (see 1.1 of the 2012 edition);
- b) Deleted 67 terms and definitions, including management control, alpha minimum value, receiving angle, and subtending angle (see 2.1~2.1 of the 2012 edition).
2.35, 2.37~2.48, 2.50, 2.52~2.70);
- c) Added the term and definition. control measures (see 3.1.1);
- d) Added symbol table (see 3.2);
- e) Added requirements for management policy implementers. competence level, training requirements and certification content (see 4.5, 4.6 and 4.7);
- f) Added Class 1C laser products and corresponding annotations (see 5.1.2);
- g) Changed the default protection control measures for laser products (see Table 1, Table 1 of the 2012 edition);
- h) Added consumer laser products (see 5.1.6);
- i) Added content related to repetitive pulse and modulated lasers (see 6.2);