

American National Standard

ANSI Z136.7—2008

*American National Standard
for Testing and Labeling of
Laser Protective Equipment*



**Laser Institute
of America**
Laser Applications and Safety



**American
National
Standard**

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Foreword (This introduction is not a normative part of ANSI Z136.7-2008, American National Standard for Testing and Labeling of Laser Protective Equipment.)

In 1968, the American National Standards Institute (ANSI) approved the initiation of the Safe Use of Lasers Standards Project under the sponsorship of the Telephone Group.

Prior to 1985, Z136 standards were developed by ANSI Committee Z136 and submitted for approval and issuance as ANSI Z136 standards. Since 1985, Z136 standards are developed by ANSI Accredited Standards Committee (ASC) Z136. A copy of the procedures for development of these standards can be obtained from ASC Z136 Secretariat, Laser Institute of America, 13501 Ingenuity Drive, Suite 128, Orlando, FL 32826 or viewed at www.z136.org.

ASC Z136 is responsible for the development and maintenance of this Standard. In addition to the consensus body, ASC Z136 is composed of standards subcommittees (SSC) and technical subcommittees (TSC) involved in Z136 standards development. At the time of this printing, the following standards and technical subcommittees were active:

- SSC-1 Safe Use of Lasers (parent document)
- SSC-2 Safe Use of Lasers and LEDs in Telecommunications Applications
- SSC-3 Safe Use of Lasers in Health Care Facilities
- SSC-4 Measurements and Instrumentation
- SSC-5 Safe Use of Lasers in Educational Institutions
- SSC-6 Safe Use of Lasers Outdoors
- SSC-7 Eyewear and Protective Barriers
- SSC-8 Safe Use of Lasers in Research, Development and Testing
- SSC-9 Safe Use of Lasers in Manufacturing Environments
- SSC-10 Safe Use of Lasers in Entertainment, Displays and Exhibitions

- TSC-1 Biological Effects and Medical Surveillance
- TSC-2 Hazard Evaluation and Classification
- TSC-4 Control Measures and Training
- TSC-5 Non-Beam Hazards
- TSC-7 Analysis and Applications

- EWG Editorial Working Group

The five standards currently issued are:

ANSI Z136.1-2007, American National Standard for Safe Use of Lasers (replaces ANSI Z136.1-2000)

ANSI Z136.3-2005, American National Standard for Safe Use of Lasers in Health Care Facilities (replaces ANSI Z136.3-1996)

Participants At the time it approved this standard, ASC Z136 had the following members:

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Laser Institute of America

Laser Applications and Safety

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