

Laser Radiation Hazard and Laser safety Guide

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The increasingly widespread use of lasers requires more people to become familiar with the potential hazards associated with the misuse of this valuable products. Laser hazards, particularly, eye hazards are caused by an instantaneous carelessness or mistake in many cases.

Following items will be presented.

1. Laser hazards and accidents
Laser radiation hazards and non-beam hazards
Laser incidents in Japan
2. International laser safety standards
IEC 825-1 Safety of Laser Products, Part 1 Equipment classification,
Requirements and User's Guide
3. Laser hazard classification
Class 1, 2, 3A, 3B, and 4
4. Safety precautions, User's guide
Safety rules for each class laser
5. Laser safety activity in Japan
Laser school and examination for laser equipment engineers
(OITDA)