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ICS 31.260
CCS L51

NATIONAL STANDARD OF THE

PEOPLE'S REPUBLIC OF CHINA

GB/T 18462-2001

Laser processing machines - Performance specifications for metal cutting

(English Translation)

Issued on: February 28, 2025 **Implemented on: September 1, 2025**

Issued by: State Administration for Market Regulation, China National Standardization Administration

Preview: page 1 of 3 shown, 9 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/gb-t-18462-2001

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4.1 Overview

1 Foreword

GB/T 18462-2001 was issued by State Administration for Market Regulation, China National Standardization Administration on 28 February 2025 and has been in force since 1 September 2025.

The GB/T prefix marks a recommended standard. It is not law in itself: it becomes binding when a contract names it, when a regulation or a mandatory standard refers to it, or when a producer declares conformity with it.

The document runs to 9 pages in English translation.

2 Scope Preview

GB/T 18462-2001 falls under ICS 31.260, in the field of electronics.

This catalogue holds 1,274 other GB/T standards in that field.

In this catalogue, GB/T standards carry edition years from 1963 to 2026.

3 About this standard

Sector: National Standard (Recommended)

Issued by: State Administration for Market Regulation, China National Standardization Administration

English translation: about 9 pages (approximate)

Chinese original: about 14,142 characters

4 Related standards

Other editions:

GB/T 18462-2025 (later edition)

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Standards on related subjects:

GB/T 30117.1-2024 - Photobiological safety of non-coherent light products - Part 1: General requirements

GB/T 7247.1-2024 - Safety of Laser Products - Part 1: Equipment Classification and Requirements

GB/T 18490.1-2017 - Safety of machinery -- Laser processing machines -- Part 1: General safety requirement

GB/T 47524-2026 - Lasers and laser-related equipment - Test method for angle resolved scattering

GB/T 15651.4-2026 - Semiconductor devices - Part 5-4: Optoelectronic devices - Semiconductor lasers

5 Classification and status

International classification (ICS): 31.260

Chinese Standard Classification (CCS): L 51

Prefix GB/T: recommended standard.

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