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NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB/T 3102.5-2026

Replacing GB 3102.5-1993

Quantities and units-Part 5: Thermodynamics

量和单位 第5部分：热力学

(English Translation)

Issued on: October 30, 2026

Issued by: State Administration for Market Regulation;
Standardization Administration of China

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https://chinastandards.org/standards/gb-t-3102-5-2026

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1 Foreword

GB/T 3102.5-2026 was issued by State Administration for Market Regulation; Standardization Administration of China on 30 October 2026.

It is one of 15 parts of the GB/T 3102 series.

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.

2 Scope Preview

GB/T 3102.5-2026 carries no ICS number and no Chinese Standard Classification code.

This catalogue holds 76,457 other GB/T standards.

Of the 47,415 GB/T standards that do carry an ICS number, 3,437 (7%) fall under ICS 77, in the field of metallurgy.

3 About this standard

Issued by: State Administration for Market Regulation; Standardization Administration of China

4 Related standards

Other parts of this standard:

GB/T 3102.1-1993 - Quantities and units of space and time

GB/T 3102.2-2026 - Quantities and units-Part 2: Mathematics

GB/T 3102.3-2026 - Quantities and units-Part 3: Space and time

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GB/T 3102.4-2026 - Quantities and units - Part 4: Mechanics

GB/T 3102.6-1993 - Quantities and units of light and related electromagnetic radiations

GB/T 3102.6-2026 - Quantities and units-Part 6: Electromagnetism

GB/T 3102.7-1993 - Quantities and units of acoustics

GB/T 3102.7-2026 - Quantities and units - Part 7: Light and radiation

GB/T 3102.8-1993 - Quantities and units of physical chemistry and molecular physics

GB/T 3102.8-2026 - Quantities and units - Part 8: Acoustics

GB/T 3102.9-2026 - Quantities and units-Part 9: Physical chemistry and molecular physics

GB/T 3102.10-2026 - Quantities and units-Part 10: Atomic and nuclear physics

GB/T 3102.11-1993 - Mathematical signs and symbols for use in the physical sciences and technology

GB/T 3102.12-1993 - Dimensionless parameters

5 Classification and status

Prefix GB/T: recommended standard.

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