Chinastandards.org

NATIONAL STANDARD OF THE

PEOPLE'S REPUBLIC OF CHINA

GB/T 3836.20-2026

Explosive atmospheres-Part 20:Equipment with separation elements or combined levels of protection

爆炸性环境 第20部分：具有隔离部件或组合保护等级的设备

(English Translation)

Issued on: September 28, 2026 **Implemented on: April 1, 2027**

Issued by: State Administration for Market Regulation;
Standardization Administration of the PRC

Preview: page 1 of 4 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/gb-t-3836-20-2026

1 Foreword

GB/T 3836.20-2026 was issued by State Administration for Market Regulation; Standardization Administration of the PRC on 28 September 2026 and has been in force since 1 April 2027.

It is one of 33 parts of the GB/T 3836 series.

2 About this standard

Issued by: State Administration for Market Regulation; Standardization Administration of the PRC

English translation: about 15 pages (approximate)

3 Related standards

Other parts of this standard:

GB/T 3836.1-2021 - Explosive atmospheres - Part 1: Equipment - General requirements

GB/T 3836.2-2021 - Explosive atmospheres - Part 2: Equipment protection by flameproof enclosures 'd'

GB/T 3836.3-2021 - Explosive atmospheres - Part 3: Equipment protection by increased safety 'e'

GB/T 3836.4-2021 - Explosive atmospheres - Part 4: Equipment protection by intrinsic safety 'i'

GB/T 3836.5-2021 - Explosive atmospheres - Part 5: Equipment protection by pressurized enclosure 'p'

GB/T 3836.6-2017 - Explosive atmospheres -- Part 6: Equipment protection by liquid immersion 'o'

GB/T 3836.7-2017 - Explosive atmospheres -- Part 7: Equipment protection by powder filling 'q'

GB/T 3836.8-2021 - Explosive atmospheres - Part 8: Equipment protection by type of protection 'n'

GB/T 3836.9-2021 - Explosive atmospheres - Part 9: Equipment protection by encapsulation 'm'

GB/T 3836.11-2022 - Explosive atmospheres - Part 11: Material characteristics for gas and vapour classification - Test methods and data

Preview: page 2 of 4 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/gb-t-3836-20-2026

GB/T 3836.12-2019 - Explosive atmospheres -- Part 12: Material characteristics for combustible dusts -- Test methods

GB/T 3836.13-2021 - Explosive atmospheres - Part 13: Equipment repair, overhaul, reclamation and modification

GB/T 3836.14-2026 - Explosive atmospheres-Part 14:Classification of areas for explosive gas atmosphere

GB/T 3836.16-2022 - Explosive atmospheres - Part 16: Specification of electrical installations inspection and maintenance

GB/T 3836.17-2019 - Explosive atmospheres -- Part 17: Equipment protection by pressurized room p and artificially ventilated room v

GB/T 3836.18-2024 - Explosive atmospheres - Part 18: Intrinsically safe electrical systems

GB/T 3836.21-2022 - Explosive atmospheres - Part 21: Application of quality management systems for Ex Product manufacture

GB/T 3836.22-2023 - Explosive atmospheres - Part 22: Protection of equipment and transmission system using optical radiation

GB/T 3836.23-2017 - Explosive atmospheres - Part 23: Group I, category EPL Ma equipment intended to remain functional in atmospheres endangered by firedamp and/or coal dust

GB/T 3836.24-2017 - Explosive atmospheres -- Part 24: Equipment protection by special protection 's'

GB/T 3836.25-2019 - Explosive atmospheres -- Part 25: Requirements for process sealing between flammable process fluids and electrical systems

GB/T 3836.26-2019 - Explosive atmospheres -- Part 26: Electrostatic hazards -- Guidance

GB/T 3836.27-2019 - Explosive atmospheres -- Part 27: Electrostatic hazards -- Test

GB/T 3836.28-2021 - Explosive atmospheres - Part 28: Non-electrical equipment for explosive atmospheres - Basic method and requirements

GB/T 3836.29-2021 - Explosive atmospheres - Part 29: Non-electrical equipment for explosive atmospheres - Constructional safety 'c', control of ignition source 'b', liquid immersion 'k'

GB/T 3836.30-2021 - Explosive atmospheres - Part 30: Equipment and components in explosive atmospheres in underground mines

GB/T 3836.31-2021 - Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure 't'

Preview: page 3 of 4 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/gb-t-3836-20-2026

GB/T 3836.32-2021 - Explosive atmospheres - Part 32: Intrinsically safe systems with electronically controlled spark duration limitation

GB/T 3836.33-2021 - Explosive atmospheres - Part 33: Equipment in adverse service conditions

GB/T 3836.34-2021 - Explosive atmospheres - Part 34: Equipment assemblies

GB/T 3836.35-2021 - Explosive atmospheres - Part 35: Classification of areas for explosive dust atmospheres

GB/T 3836.36-2022 - Explosive atmospheres - Part 36: Electrical safety devices for the control of potential ignition sources from Ex Equipment

4 Classification and status

Prefix GB/T: recommended standard.

Preview: page 4 of 4 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/gb-t-3836-20-2026