

Supplement to China Standardization

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Newly Approved National Standards of P. R. China

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No. 3, 2025	02-03
<i>Released on February 28, 2025</i>	
No. 4, 2025	04-21
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No. 6, 2025	22-36
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No. 8, 2025	37-37
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Newly Approved National Standards of P. R. China

No. 3, 2025

State Administration for Market Regulation and National Standardization Administration of China have approved the following 11 national standards.

2025-02-28

No.	Standard Number	Title	Adopted Standard	Degree of Standard Adoption	Replaced Standard	Implementation Date
1	GB 4824-2025	Industrial, scientific and medical equipment—Radio-frequency disturbance characteristics—Limits and methods of measurement	CISPR 11:2024	Identical	GB 4824-2019	2026-03-01
2	GB 10408-2025	Intrusion and hold-up systems—Intrusion detector			GB 10408.1-2000, GB 10408.2-2000, GB 10408.3-2000, GB 10408.4-2000, GB 10408.5-2000, GB 10408.6-2009, GB/T 10408.8-2008, GB 10408.9-2001, GB 15209-2006, GB 15407-2010	2026-03-01
3	GB 15269-2025	Cigar			GB/T 15269.1-2010, GB 15269.2-2011, GB 15269.3-2011, GB 15269.4-2011	2026-03-01
4	GB 17741-2025	Evaluation of seismic safety for engineering sites			GB 17741-2005	2025-09-01
5	GB 19762-2025	Minimum allowable values of energy efficiency and energy efficiency grades for centrifugal pumps			GB 19762-2007, GB 32284-2015	2026-03-01

6	GB 30185-2025	Norm of energy consumption per unit production of aluminum (plastic) composite panel			GB 30185-2013	2026-03-01
7	GB 30720-2025	Minimum allowable values of energy efficiency and energy efficiency grades for gas cooking appliances			GB 30720-2014, GB 30531-2014	2026-03-01
8	GB 45189-2025	Specification for cyanide safety production management				2025-09-01
9	GB 45248-2025	Drug concentration cutoff values and examination for vehicle drivers				2025-09-01
10	GB 45437-2025	Acceptable levels of residual radioactivity in soil of release site from nuclear facility decommissioning				2025-06-01
11	GB 45438-2025	Cybersecurity technology—Labeling method for content generated by artificial intelligence				2025-09-01

Newly Approved National Standards of P. R. China

No. 4, 2025

State Administration for Market Regulation and National Standardization Administration of China have approved the following 273 national standards and 9 national standards with amendment.

2025-02-28

No.	Standard Number	Title	Adopted Standard	Degree of Standard Adoption	Replaced Standard	Implementation Date
1	GB/T 320-2025	Synthetic hydrochloric acid for industrial use			GB/T 320-2006	2025-09-01
2	GB/T 2909-2025	Cotton grey canvas			GB/T 2909-2014	2027-03-01
3	GB/T 2910.7-2025	Textiles—Quantitative chemical analysis—Part 7: Mixtures of polyamide with certain other fibers (method using formic acid)	ISO 1833-7:2017	Modified	GB/T 2910.7-2009	2027-03-01
4	GB/T 3405-2025	Petroleum benzene			GB/T 3405-2011	2025-09-01
5	GB/T 3543.1-2025	Rules for agricultural seed testing—Part 1: General directives			GB/T 3543.1-1995	2025-09-01
6	GB/T 3543.2-2025	Rules for agricultural seed testing—Part 2: Sampling			GB/T 3543.2-1995	2025-09-01
7	GB/T 3543.3-2025	Rules for agricultural seed testing—Part 3: Sowing quality—Purity analysis			GB/T 3543.3-1995	2025-09-01
8	GB/T 3543.4-2025	Rules for agricultural seed testing—Part 4: Sowing quality—Germination test			GB/T 3543.4-1995	2025-09-01
9	GB/T 3543.5-2025	Rules for agricultural seed testing—Part 5: Varietal quality—Varietal purity testing			GB/T 3543.5-1995	2025-09-01
10	GB/T 3543.6-2025	Rules for agricultural seed testing—Part 6: Sowing quality—Determination of moisture content			GB/T 3543.6-1995	2025-09-01

11	GB/T 3543.8-2025	Rules for agricultural seed testing— Part 8: Sowing quality—Thousand- seed weight (TSW) determination			GB/T 3543.7-1995 [part]	2025-09-01
12	GB/T 3543.9-2025	Rules for agricultural seed testing— Part 9: Sowing quality—Viability test			GB/T 3543.7-1995 [part]	2025-09-01
13	GB/T 3543.10-2025	Rules for agricultural seed testing— Part 10: Sowing quality: Vigor test				2025-09-01
14	GB/T 3543.11-2025	Rules for agricultural seed testing— Part 11: Varietal quality—Varietal genuineness identification testing			GB/T 3543.5-1995 [part]	2025-09-01
15	GB/T 3543.12-2025	Rules for agricultural seed testing— Part 12: Varietal quality—GMO seed testing				2025-09-01
16	GB/T 3917.3-2025	Textiles—Tear properties of fabrics— Part 3: Determination of tear force of trapezoid-shaped test specimens	ISO 9073- 4:2021	Modified	GB/T 3917.3-2009	2025-09-01
17	GB/T 5326-2025	Printed and dyed cotton/polyethylene terephthalate (PET) blended fabric			GB/T 5326-2009	2027-03-01
18	GB/T 5453-2025	Textiles—Determination of the permeability of fabrics to air	ISO 9237:1995	Modified	GB/T 5453-1997	2027-03-01
19	GB/T 5709-2025	Textiles—Nonwovens—Vocabulary	ISO 9092:2019, ISO 11224:2003	Modified	GB/T 5709-1997	2027-03-01
20	GB/T 7143-2025	Methods for chemical analysis of silica sand for foundry			GB/T 7143-2010	2025-09-01
21	GB/T 7247.3-2025	Safety of laser products—Part 3: Guidance for laser displays and shows	IEC/TR 60825- 3:2022	Identical	GB/T 7247.3-2016	2025-09-01
22	GB/T 7247.4-2025	Safety of laser products—Part 4: Laser guards	IEC 60825- 4:2022	Identical	GB/T 7247.4-2016	2025-09-01
23	GB/T 7573-2025	Textiles—Determination of pH of aqueous extract	ISO 3071:2020	Modified	GB/T 7573-2009	2027-03-01
24	GB/T 10810.1-2025	Uncut finished spectacle lenses—Part 1: Single-vision and multifocal	ISO 8980- 1:2017	Modified	GB 10810.1-2005	2026-03-01
25	GB/T 10810.2-2025	Uncut finished spectacle lenses—Part 2: Power-variation	ISO 8980- 2:2017	Modified	GB 10810.2-2006	2026-03-01
26	GB/T 10810.3-2025	Uncut finished spectacle lenses—Part 3: Transmittance test methods	ISO 8980- 3:2022	Modified	GB 10810.3-2006	2026-03-01
27	GB/T 10810.4-2025	Uncut finished spectacle lenses—Part 4: Anti-reflective coatings test methods	ISO 8980- 4:2006	Modified	GB 10810.4-2012	2026-03-01
28	GB/T 10810.5-2025	Uncut finished spectacle lenses—Part 5: Abrasion-resistant of surfaces test methods	ISO 8980- 5:2005	Modified	GB 10810.5-2012	2026-03-01

29	GB/T 11828.4-2025	Instruments for stage measurement—Part 4: Ultrasonic stage recorder			GB/T 11828.4-2011	2025-09-01
30	GB/T 11918.6-2025	Plugs, socket-outlets and couplers for industrial purposes—Part 6: Direct current (DC) plugs, socket-outlets and connectors for ship and shore power supply system				2025-09-01
31	GB/T 12417.2-2025	Non-active surgical implants—Osteosynthesis and joint replacement implants—Part 2: Particular requirements for joint replacement implants	ISO 21534:2007	Modified	GB/T 12417.2-2008	2026-03-01
32	GB/T 12643-2025	Robotics—Vocabulary	ISO 8373:2021	Identical	GB/T 12643-2013	2025-09-01
33	GB/T 13511.1-2025	Assembled spectacles—Part 1: Single-vision and multifocal prescription assembled spectacles	ISO 21987:2017	Modified	GB 13511.1-2011	2026-03-01
34	GB/T 13511.2-2025	Assembled spectacles—Part 2: Power-variation prescription assembled spectacles			GB 13511.2-2011	2026-03-01
35	GB/T 13511.4-2025	Assembled spectacles—Part 4: Multifocal and power-variation near-vision spectacles				2026-03-01
36	GB/T 1406.3-2025	Types and dimensions of lamp caps—Part 3: Prefocus caps	IEC 60061-1:2022	Modified	GB/T 1406.3-2021	2025-09-01
37	GB/T 14478-2025	Basic technical specification of inlet valves for large and medium-sized hydraulic turbines			GB/T 14478-2012	2025-09-01
38	GB/T 15180-2025	Petroleum asphalts for heavy traffic road			GB/T 15180-2010	2025-09-01
39	GB/T 15370.2-2025	Agricultural tractors—General requirement—Part 2: 50 kW~130 kW wheeled tractors			GB/T 15370.2-2009	2025-09-01
40	GB/T 15370.3-2025	Agricultural tractors—General requirement—Part 3: Over 130 kW wheeled tractors			GB/T 15370.3-2012	2025-09-01
41	GB/T 16702.1-2025	Design specification for mechanical components in nuclear island of pressurized water reactor nuclear power plants—Part 1: General principle			GB/T 16702-2019 [part]	2025-02-28
42	GB/T 16702.2-2025	Design specification for mechanical components in nuclear island of pressurized water reactor nuclear power plants—Part 2: Class 1 components			GB/T 16702-2019 [part]	2025-02-28
43	GB/T 16702.3-2025	Design specification for mechanical components in nuclear island of pressurized water reactor nuclear power plants—Part 3: Class 2 components			GB/T 16702-2019 [part]	2025-02-28

44	GB/T 16702.4-2025	Design specification for mechanical components in nuclear island of pressurized water reactor nuclear power plants—Part 4: Class 3 components			GB/T 16702-2019 [part]	2025-02-28
45	GB/T 16702.5-2025	Design specification for mechanical components in nuclear island of pressurized water reactor nuclear power plants—Part 5: Small components			GB/T 16702-2019 [part]	2025-02-28
46	GB/T 16702.6-2025	Design specification for mechanical components in nuclear island of pressurized water reactor nuclear power plants—Part 6: Reactor vessel internals			GB/T 16702-2019 [part]	2025-02-28
47	GB/T 16702.7-2025	Design specification for mechanical components in nuclear island of pressurized water reactor nuclear power plants—Part 7: Supports			GB/T 16702-2019 [part]	2025-02-28
48	GB/T 16702.8-2025	Design specification for mechanical components in nuclear island of pressurized water reactor nuclear power plants—Part 8: Low pressure or atmospheric storage tanks			GB/T 16702-2019 [part]	2025-02-28
49	GB/T 17263-2025	Self-ballasted lamps for general lighting service—Performance specifications			GB/T 17263-2013	2025-09-01
50	GB/T 17554.1-2025	Cards and security devices for personal identification—Test methods—Part 1: General characteristics	ISO/IEC 10373-1:2020	Modified	GB/T 17554.1-2006	2025-09-01
51	GB/T 17591-2025	Flame retardant fabrics			GB/T 17591-2006	2025-09-01
52	GB/T 18414-2025	Textiles—Determination of chlorinated phenols and ortho-phenylphenol			GB/T 18414.1-2006, GB/T 18414.2-2006, GB/T 20386-2006	2027-03-01
53	GB/T 18462-2025	Laser processing machines—Performance specifications for metal cutting			GB/Z 18462-2001	2025-09-01
54	GB/T 18655-2025	Vehicles, boats and internal combustion engines—Radio disturbance characteristics—Limits and methods of measurement for the protection of on-board receivers	CISPR 25:2021	Modified	GB/T 18655-2018	2025-02-28
55	GB/T 19212.2-2025	Safety of transformers, reactors, power supply units and combinations thereof—Part 2: Particular requirements and tests for separating transformers and power supply units incorporating separating transformers for general applications	IEC 61558-2-1:2021	Modified	GB/T 19212.2-2012	2025-09-01
56	GB/T 19212.5-2025	Safety of transformers, reactors, power supply units and combinations thereof—Part 5: Particular requirements and tests for isolating transformers and power supply units incorporating isolating transformers for general applications	IEC 61558-2-4:2021	Modified	GB/T 19212.5-2011	2025-09-01

57	GB/T 19212.14-2025	Safety of transformers, reactors, power supply units and combinations thereof—Part 14: Particular requirements and tests for auto-transformers and power supply units incorporating auto-transformers for general applications	IEC 61558-2-13:2022	Modified	GB/T 19212.14-2012	2025-09-01
58	GB/T 19267.13-2025	Forensic sciences—Physical and chemical examination of trace evidence—Part 13: Wavelength dispersive X-ray fluorescence spectrometry				2025-06-01
59	GB/T 19480-2025	Vocabulary for meat and meat products			GB/T 19480-2009	2026-09-01
60	GB/T 19598-2025	Quality requirements for product of geographical indication—Anxi tieguanyin			GB/T 19598-2006	2025-09-01
61	GB/T 19713-2025	Cybersecurity technology—Public key infrastructure—Online certificate status protocol			GB/T 19713-2005	2025-09-01
62	GB/T 19980-2025	Textiles—Method for assessing appearance of textile products after domestic washing and drying	ISO 15487:2018	Modified	GB/T 19980-2005	2027-03-01
63	GB/T 20243.2-2025	Acoustics—Measurement of the influence of road surfaces on traffic noise—Part 2: The close-proximity method	ISO 11819-2:2017	Modified		2025-09-01
64	GB/T 20244-2025	Fiber optic elements for image transmission			GB/T 20244-2006	2025-09-01
65	GB/T 20424-2025	The specification for limit on harmful element content of the heavy nonferrous metal concentrates products			GB/T 20424-2006	2025-09-01
66	GB/T 20718.2-2025	Road vehicles—Connectors for the electrical connection of towing and towed vehicles (13-pole)—Part 2: 13-pole connectors for vehicles with 12 V nominal supply voltage intended to cross water fords	ISO 11446-2:2012	Identical		2025-09-01
67	GB/T 20840.11-2025	Instrument transformers—Part 11: Additional requirements for low-power passive voltage transformers	IEC 61869-11:2017	Modified		2025-09-01
68	GB/T 20840.99-2025	Instrument transformers—Part 99: Glossary	IEC 61869-99:2022	Modified		2025-09-01
69	GB/T 20931.12-2025	Methods for chemical analysis of lithium—Part 12: Determination of impurity element contents—Inductively coupled plasma atomic emission spectrometry				2025-09-01
70	GB/T 20965-2025	Control network HBES technical specification—Home and building control system			GB/T 20965-2013	2025-09-01

71	GB/T 21196.2-2025	Textiles—Determination of the abrasion resistance of fabrics by the Martindale method—Part 2: Determination of specimen breakdown	ISO 12947-2:2016	Modified	GB/T 21196.2-2007	2027-03-01
72	GB/T 21666-2025	Absorbent incontinence aids for urine and/or faeces—General guidelines on evaluation	ISO 15621:2017	Identical	GB/T 21666-2008	2025-06-01
73	GB/T 22211-2025	Quality requirements for product of geographical indication—Wuliangye baijiu			GB/T 22211-2008	2025-06-01
74	GB/T 22284-2025	Large white breeding pig			GB/T 22284-2008	2025-09-01
75	GB/T 22474-2025	General quality for fruit and vegetable, flower jam			GB/T 22474-2008	2026-09-01
76	GB/T 23327-2025	Woven adhesive interlining			GB/T 23327-2009	2027-03-01
77	GB/T 23527.4-2025	Quality requirements for enzyme preparations—Part 4: Immobilized glucose isomerase preparations			GB/T 23533-2009	2026-03-01
78	GB/T 24345-2025	Corn dyed yarns			GB/T 24116-2009, GB/T 24345-2009	2027-03-01
79	GB/T 24477-2025	Accessibility to lifts for persons including persons with disability	ISO 8100-7:2024	Modified	GB/T 24477-2009	2025-09-01
80	GB/T 24894-2025	Animal and vegetable fats and oils—Determination of the composition of fatty acids in the 2-position of the triglyceride molecules	ISO 6800:1997	Modified	GB/T 24894-2010	2025-09-01
81	GB/T 25273-2025	Films for liquid crystal display (LCD)—Method for measuring haze and light transmittance—Integrating sphere method			GB/T 25273-2010	2025-09-01
82	GB/T 26713-2025	Footwear—Chemical tests—Determination of dimethyl fumarate (DMFu)	ISO 16186:2021	Modified	GB/T 26713-2011	2025-09-01
83	GB/T 26841-2025	Data items of enterprise credit files for e-commerce transaction activities			GB/T 26841-2011	2025-02-28
84	GB/T 26849-2025	Electronic control gear for solar photovoltaic (PV) lighting—Performance specifications			GB/T 26849-2011	2025-09-01
85	GB/T 27030-2025	Conformity assessment—General requirements for third-party marks of conformity	ISO/IEC 17030:2021	Identical	GB/T 27023-2008, GB/T 27027-2008, GB/T 27030-2006	2025-02-28
86	GB/T 27060-2025	Conformity assessment—Code of good practice	ISO/IEC 17060:2022	Identical	GB/T 27060-2006	2025-02-28
87	GB/T 27432-2025	Technical specifications for remote assessment of laboratory				2025-02-28
88	GB/T 27995.1-2025	Semi-finished spectacle lens blanks—Part 1: Single-vision and multifocal	ISO 10322-1:2016	Modified	GB 27995.1-2011	2026-03-01

89	GB/T 27995.2-2025	Semi-finished spectacle lens blanks—Part 2: Power-variation	ISO 10322-2:2016	Modified	GB 27995.2-2011	2026-03-01
90	GB/T 28029.13-2025	Electronic railway equipment—Train communication network (TCN)—Part 4-1: The test method of train communication network based on Wire Train Bus (WTB)				2025-09-01
91	GB/T 28572-2025	Specification and technical parameters of inlet valves for large and medium-sized hydraulic turbines			GB/T 28572-2012	2025-09-01
92	GB/T 29631-2025	Flexible and torsion resistant cables of rated voltages up to and including 1.8/3 kV for wind turbine			GB/T 29631-2013	2025-09-01
93	GB/T 30785-2025	Food processing equipment—Terminology			GB/T 30785-2014	2025-09-01
94	GB/T 31033-2025	Technical requirements for well control technology of oil & gas drilling			GB/T 31033-2014	2025-09-01
95	GB/T 31036-2025	Proton exchange membrane fuel cell backup power system—Safety			GB/T 31036-2014	2025-09-01
96	GB/T 31086-2025	Requirements and evaluation indicators for cold chain service capabilities of logistics enterprises			GB/T 31086-2014	2025-06-01
97	GB/T 31128-2025	Testing and evaluation of the resistance to pile loop extraction for towel products			GB/T 31128-2014	2025-09-01
98	GB/T 31318-2025	Preserved fruits—General quality for hawthorn products			GB/T 31318-2014	2026-09-01
99	GB/T 31902-2025	Inspection method for appearance defects on garment interlining			GB/T 31902-2015	2025-09-01
100	GB/T 31907-2025	Method of garment measurement	ISO 18890:2018	Non-equivalent	GB/T 31907-2015	2027-03-01
101	GB/T 32612-2025	Textiles—Determination of ethylene glycol ethers and related ester compounds			GB/T 32612-2016	2027-03-01
102	GB/T 32895-2025	Communication protocols for swapping battery pack of electric vehicle			GB/T 32895-2016	2025-09-01
103	GB/T 34015.5-2025	Recovery of traction battery used in electric vehicle—Echelon use—Part 5: Battery design guide for echelon use				2025-09-01
104	GB/T 34680.6-2025	Evaluation model and general evaluation indicator system for smart cities—Part 6: Public service				2025-09-01
105	GB/T 35267.4-2025	Washer-disinfectors—Part 4: Endoscope washer-disinfectors	ISO 15883-4:2018	Modified	GB/T 35267-2017	2026-09-01
106	GB/T 35560-2025	Tourism services for elderly tourist specification—Tourist attraction			GB/T 35560-2017	2025-02-28

107	GB/T 37027-2025	Cybersecurity technology—Criteria for determining network attack and network attack incident			GB/T 37027-2018	2025-09-01
108	GB/T 37133-2025	High voltage connection system for electric vehicle			GB/T 37133-2018	2025-02-28
109	GB/T 37752.6-2025	Industrial furnaces and associated processing equipment—Safety—Part 6: Direct fired thermal oxidizer and curing oven for continuous coating line				2025-09-01
110	GB/T 43018.2-2025	Interconnection and interoperation for textile equipment—Part 2: Spinning				2025-09-01
111	GB/T 43018.3-2025	Interconnection and interoperation for textile equipment—Part 3: Chemical fiber				2025-09-01
112	GB/T 43018.4-2025	Interconnection and interoperation for textile equipment—Part 4: Knitting				2025-09-01
113	GB/T 43018.5-2025	Interconnection and interoperation for textile equipment—Part 5: Nonwovens				2025-09-01
114	GB/T 44115.3-2025	Information technology—Virtual reality content representation—Part 3: Audio				2025-09-01
115	GB/T 44991-2025	Railway applications—Testing of rolling stock on completion of construction and before entry into service	IEC 61133:2016	Modified		2025-09-01
116	GB/T 45068.2-2025	Digital fitting systems—Performance evaluation protocol—Part 2: Virtual garment representation	ISO 20947-2:2020	Modified		2025-09-01
117	GB/T 45244-2025	Grades and specifications of garlic				2025-06-01
118	GB/T 45245-2025	Determination method of total organic carbon in wood-based panels and finishing products				2025-06-01
119	GB/T 45249.1-2025	Data exchange protocol between securities and futures industry and banking—Part 1: Third-party depository, account transfer and exchange settlement				2025-02-28
120	GB/T 45250-2025	Telecom and internet services—Standardization guideline				2025-06-01
121	GB/T 45251-2025	Internet finance—Online consumer lending—Guidance on post-loan collection risk control				2025-02-28
122	GB/T 45252-2025	Securities trading exchange protocol				2025-02-28
123	GB/T 45253-2025	Internet psychological services—General specification for evaluation services of psychology				2025-02-28

124	GB/T 45254-2025	Data interface of futures market account				2025-02-28
125	GB/T 45255-2025	Specifications for comprehensive evaluation of public credit				2025-06-01
126	GB/T 45256-2025	Press and publication—Knowledge service—Construction process of knowledge ontology				2025-06-01
127	GB/T 45257-2025	Press and publication—Knowledge services—Extraction and marking up of knowledge element				2025-06-01
128	GB/T 45258-2025	Telecom and internet network services—Assessment guideline				2025-06-01
129	GB/T 45259-2025	Travel risk management—Guidance for organizations	ISO 31030:2021	Modified		2025-02-28
130	GB/T 45263-2025	Sharing economy—Guidelines for provider verification on digital platform				2025-02-28
131	GB/T 45264-2025	Boarding wheelchair				2025-06-01
132	GB/T 45265-2025	General technical requirements for additive manufacturing of lower limb prostheses				2025-06-01
133	GB/T 45266-2025	Guidelines for quality grading of consumer products—Down filled products				2025-02-28
134	GB/T 45267-2025	Juvenile products—General technical requirements for swimming accessories				2026-09-01
135	GB/T 45269-2025	Footwear—Test methods for whole shoe—Flexing durability	ISO 24266:2020	Modified		2025-09-01
136	GB/T 45270-2025	Man-made fibre—Test method for tensile properties of short-cut fibre				2025-09-01
137	GB/T 45271-2025	Man-made fibre—Determination of catechins content—High performance liquid chromatography				2025-09-01
138	GB/T 45272-2025	Guidelines for age-friendly design of household products				2025-09-01
139	GB/T 45273-2025	Juvenile products—General technical requirements for toilet utensils				2026-09-01
140	GB/T 45274-2025	Juvenile products—General technical requirements for sensory integration training products				2026-09-01
141	GB/T 45275-2025	Determination of N, N-dimethylformamide in toys and children's products—Gas chromatography-mass spectrometry				2026-03-01

142	GB/T 45276-2025	Juvenile products—Guide for design and application of labelling and markings				2025-09-01
143	GB/T 45277-2025	Determination of nine primary aromatic amines in toys—Gas chromatography-mass spectrometry				2025-02-28
144	GB/T 45278.1-2025	Information technology—Time aware network—Part 1: Protocol				2025-09-01
145	GB/T 45279.1-2025	IPv4/IPv6 network security protection technical specifications—Part 1: IP bearer network				2025-06-01
146	GB/T 45279.2-2025	IPv4/IPv6 network security protection technical specifications—Part 2: Mobile communication network				2025-06-01
147	GB/T 45279.3-2025	IPv4/IPv6 network security protection technical specification—Part 3: Internet data center				2025-06-01
148	GB/T 45279.4-2025	IPv4/IPv6 network security protection technical specifications—Part 4: Content delivery network				2025-06-01
149	GB/T 45280-2025	Artificial intelligence—Unified interfaces for heterogeneous artificial intelligence accelerating units				2025-02-28
150	GB/T 45281-2025	Technical requirements for multimedia information processing for the visually impaired person				2025-02-28
151	GB/T 45282-2025	IPv6 address assignment and encoding rules—General requirements				2025-06-01
152	GB/T 45283.1-2025	Configuration file exchange for industrial control system HMI—Part 1: General information				2025-09-01
153	GB/T 45283.2-2025	Configuration file exchange for industrial control system HMI—Part 2: Basic exchange description				2025-09-01
154	GB/T 45283.3-2025	Configuration file exchange for industrial control system HMI—Part 3: Extended exchange description				2025-09-01
155	GB/T 45283.4-2025	Configuration file exchange for industrial control system HMI—Part 4: Test requirements				2025-09-01

156	GB/T 45285-2025	Ergonomics of human-system interaction—Evaluation directives for the design of input system	ISO 9241-410:2008, ISO 9241-411:2012, ISO 9241-420:2011, ISO 9241-910:2011, ISO 9241-920:2024, ISO 9241-940:2017, ISO 9241-960:2017	Non-equivalent		2025-09-01
157	GB/T 45288.1-2025	Artificial intelligence—Large-scale model—Part 1: General requirements				2025-02-28
158	GB/T 45288.2-2025	Artificial intelligence—Large-scale model—Part 2: Testing and evaluation for metrics and methods				2025-02-28
159	GB/T 45293-2025	Code of practice for breeding female moth inspection of silkworm (<i>Bombyx mori</i> .)				2025-09-01
160	GB/T 45294-2025	Code of practice for silk quality evaluation of silkworm cocoons				2025-09-01
161	GB/T 45296-2025	Code of practice for drying of silkworm cocoons				2025-09-01
162	GB/T 45297-2025	Technical specification for digital production of machine-picked cotton				2025-09-01
163	GB/T 45298-2025	Soil mapping—Specification for the symbols, colors and legends of soil texture, pH and salinization maps at the scale of 1:25 000~1:500 000				2025-09-01
164	GB/T 45299-2025	Dried dill	ISO 21803:2019	Modified		2025-09-01
165	GB/T 45300-2025	Turmeric	ISO 5562:1983	Modified		2025-09-01
166	GB/T 45301-2025	The classification and reference architecture of cloud platform for service robot				2025-09-01
167	GB/T 45302-2025	Black caraway and blond caraway	ISO 5561:1990	Modified		2025-09-01
168	GB/T 45303-2025	Dehydrated tarragon	ISO 7926:1991	Modified		2025-09-01
169	GB/T 45304-2025	Dried parsley	ISO 20377:2018	Modified		2025-09-01
170	GB/T 45305.4-2025	Acoustics—Laboratory measurement of sound insulation of building elements—Part 4: Measurement procedures and requirements	ISO 10140-4:2021	Modified		2025-06-01

171	GB/T 45306-2025	Railway applications—Power supply with onboard energy storage system for rolling stock—Series hybrid system	IEC 62864-1:2016	Modified		2025-09-01
172	GB/T 45307-2025	Opto-electronic measurement—Test methods for main parameters of LiDAR in intelligent operation				2025-09-01
173	GB/T 45308-2025	Railway applications—Rolling stock—Technical requirements for network time synchronization				2025-09-01
174	GB/T 45309-2025	Guidelines for classification and coding of enterprise procurement supplies				2025-09-01
175	GB/T 45310-2025	Specification for main control system of solar power tower plant				2025-09-01
176	GB/T 45311-2025	Tidal energy converter—Sea trial technical requirements				2025-09-01
177	GB/T 45312-2025	Intelligent and connected vehicles—Operational design condition for automated driving system				2025-02-28
178	GB/T 45313-2025	Technical requirements for molten salt thermal storage system of solar thermal electric plant				2025-09-01
179	GB/T 45314-2025	Road vehicles—Performance requirements and test methods for hands free communication and voice interaction				2025-02-28
180	GB/T 45315-2025	Technical requirements and test methods of vehicular information interactive systems based on LTE-V2X direct communication				2025-02-28
181	GB/T 45316-2025	Determination of piperine content—Spectrophotometric method	ISO 5564:1982	Modified		2025-09-01
182	GB/T 45317-2025	Code of practice for production of Daodi herbs—Bei Cangzhu				2025-09-01
183	GB/T 45318-2025	Polyethylene terephthalate (PET) beer bottle				2025-09-01
184	GB/T 45319-2025	<i>Eucommia ulmoides</i> oliv. seed oil				2025-09-01
185	GB/T 45321-2025	Measuring method for electric and photometric parameters of filament light sources for power-driven vehicles				2025-09-01
186	GB/T 45322.1-2025	Particle—Separation performance test for particle size separator—Part 1: General principles				2025-09-01
187	GB/T 45322.2-2025	Particle—Separation performance test for particle size separator—Part 2: Divided flow method				2025-09-01

188	GB/T 45323-2025	Coding rules for urban heating system identification				2025-09-01
189	GB/T 45324-2025	Determination of powder resistivity for cathode materials of lithium ion battery				2025-09-01
190	GB/T 45325-2025	Determination of length of heat affected zone for precious metal bonding wire—Scanning electron microscope method				2025-09-01
191	GB/T 45326-2025	Extra coarse grain cemented carbide tips for engineering				2025-09-01
192	GB/T 45327-2025	Lithium-rich lithium iron oxide				2025-09-01
193	GB/T 45328-2025	Determination of magnetic foreign metal particles in lithium carbonate, lithium hydroxide monohydrate and lithium chloride—Cleanliness meter test method				2025-09-01
194	GB/T 45329-2025	Precious metals and their alloys wrought for ignition electrodes				2025-09-01
195	GB/T 45330-2025	Cathode materials for lithium ion batteries—Determination of water content—Carl fisher coulomb method				2025-09-01
196	GB/T 45331-2025	ePTFE membrane for reinforcement of proton exchange membrane				2025-09-01
197	GB/T 45332-2025	Proton exchange membrane for hydrogen production via water electrolysis				2025-09-01
198	GB/T 45333-2025	Diamond-like carbon films—Determination of friction and wear characteristics of diamond-like carbon films by ball-on-disc method	ISO 18535:2016	Modified		2025-09-01
199	GB/T 45334-2025	Smart elderly-oriented technical specification for air conditioners				2025-09-01
200	GB/T 45335-2025	Determination of the content of attapulgit phase—X-ray diffraction standard curve method				2025-09-01
201	GB/T 45336-2025	Plastics—Determination of drawing characteristics of thermoplastics in the molten state	ISO 16790:2021	Modified		2025-09-01
202	GB/T 45337-2025	Tires intelligent manufacturing—Manufacturing execution system (MES) deployment—General specification				2025-09-01
203	GB/T 45338-2025	General principle for hot isostatic pressing densification				2025-09-01
204	GB/T 45339-2025	General technical specification for the titanium alloy parts by hot isostatic pressing				2025-09-01

205	GB/T 45340-2025	Metallic and other non-organic coatings—Measurement of coating thicknesses—Fizeau multiple-beam interferometry method	ISO 3868:1976	Modified		2025-09-01
206	GB/T 45341-2025	Digital transformation management—Reference architecture				2025-06-01
207	GB/T 45342-2025	Vitreous and porcelain enamels—Inside and outside enamelled valves and pressure pipe fittings for untreated and potable water supply—Requirements and testing	ISO 11177:2019	Modified		2025-09-01
208	GB/T 45343-2025	Bath shoes for the elderly				2025-09-01
209	GB/T 45344-2025	General technical requirements for fabricated and prefabricated gas piping used in buildings				2025-09-01
210	GB/T 45345-2025	Metallic and other inorganic coatings—DC magnetron sputtered silver coatings for engineering purposes—Measurement of coating adhesion	ISO 21164:2018	Modified		2025-09-01
211	GB/T 45346-2025	Information technology—Technical requirements for graph database management system				2025-09-01
212	GB/T 45347-2025	Information technology—Rules for the classification and identifiers of cyberspace resources				2025-09-01
213	GB/T 45348-2025	Information technology—Real time locating—Technical specification for sound source locating and imaging system				2025-09-01
214	GB/T 45349-2025	Reference architecture of network collaborative manufacturing service platform supporting mass customization				2025-09-01
215	GB/T 45350-2025	Laboratory animal—Single nucleotide polymorphisms marker methods for inbred mice and rats				2025-02-28
216	GB/T 45351-2025	Manufacture of cell-based medical devices—Control of microbial risks during processing	ISO 18362:2016	Modified		2026-09-01
217	GB/T 45352-2025	General rule for the quality of granulated chicken bouillon				2026-03-01
218	GB/T 45353-2025	Guideline for quality grading of consumer products—Household electrical appliances				2025-09-01
219	GB/T 45354.1-2025	Speech interaction technology for intelligent household appliances—Part 1: General requirements				2025-09-01
220	GB/T 45355-2025	Polyethylene (PE) piping systems for non-pressure buried drainage and sewerage	ISO 8772:2006	Modified		2025-09-01

221	GB/T 45356-2025	Polypropylene (PP) piping systems for non-pressure buried drainage and sewerage	ISO 8773:2006	Modified		2025-09-01
222	GB/T 45357-2025	Plastics piping systems on ships—Polyethylene (PE) pipes and fittings				2025-09-01
223	GB/T 45358-2025	Temperature measurement method in perishable foods cold chain				2025-09-01
224	GB/T 45359.2-2025	Fibre ropes for offshore stationkeeping—Part 2: Polyester	ISO 18692-2:2019	Identical		2025-09-01
225	GB/T 45360-2025	Inspection, marking and packing for printed and dyed fabric of cotton, man-made fibres and blends				2027-03-01
226	GB/T 45361-2025	Light industry machinery—Specifications for extrusion die				2025-09-01
227	GB/T 45362-2025	Textiles—Determination of thermal effusivity of fabrics—Modified transient plane source method				2025-09-01
228	GB/T 45363-2025	Writing instruments—Terminology				2025-02-28
229	GB/T 45364-2025	General technical requirements for domestic vacuum suction cups				2025-09-01
230	GB/T 45365-2025	Textiles—Determination of moisturizing effect—Measurement of microclimate using sweating guarded hotplate	ISO 21232:2018	Modified		2025-09-01
231	GB/T 45366-2025	Geosynthetics—Determination of water permeability characteristics normal to the plane, under load	ISO 10776:2012	Modified		2025-09-01
232	GB/T 45367-2025	Textiles—Determination of camphor derivatives				2025-09-01
233	GB/T 45368-2025	Leather—Specification for packaging of wet blue leather	ISO 11410:2021	Modified		2025-09-01
234	GB/T 45369-2025	Absorbent sanitary paper products and raw materials—Evaluation method of deodorant performance				2025-09-01
235	GB/T 45370-2025	Textiles—Determination of yarn electrical conductivity				2025-09-01
236	GB/T 45371-2025	Common terminology of ocean economy				2025-09-01
237	GB/T 45372-2025	Determination of phenols in liquid products from coal chemical industry—Comprehensive two dimensional gas chromatography-mass spectrometry/hydrogen flame ionization detector				2025-09-01

238	GB/T 45373-2025	Petroleum and liquid petroleum products—Direct measurement of density in tanks—Resonance cylinder densitometer methods				2025-09-01
239	GB/T 45401.1-2025	Artificial intelligence—Scheduling and cooperation for computing devices—Part 1: Virtualization and scheduling				2025-02-28
240	GB/T 45415-2025	Defect analysis methods for battery electric vehicles fire accidents				2025-02-28
241	GB/T 45416-2025	Collision vehicle investigation and safety defect analysis guide				2025-02-28
242	GB/T 45417-2025	Guidelines for defect analysis of vehicle regenerative braking function				2025-02-28
243	GB/T 45418-2025	General technical directives for distribution networks				2025-06-01
244	GB/T 45419-2025	Emblem of the Young Pioneers of China				2025-06-01
245	GB/T 45420-2025	Specification standard for risk management of hazardous chemicals safety production				2025-09-01
246	GB/T 45421-2025	Urban public facilities—Intelligent storage lockers of non-logistics—Service specification				2025-06-01
247	GB/T 45422-2025	Chemicals—Surface water-sediment <i>Misgurnus anguillicaudatus</i> toxicity test				2025-09-01
248	GB/T 45423-2025	Data element for meteorology—General				2025-06-01
249	GB/T 45424-2025	Technical guidelines for satellite monitoring—Cyanobacterial bloom				2025-06-01
250	GB/T 45425-2025	Fog warning levels				2025-06-01
251	GB/T 45426-2025	Security and resilience—Emergency management—Guidelines for the use of social media in emergencies	ISO 22329:2021	Identical		2025-09-01
252	GB/T 45427-2025	Specifications of solar energy resource assessment for solar thermal electric plant				2025-06-01
253	GB/T 45428-2025	Forensic sciences—Forged video and image of a person—Multispectral imaging examination				2025-06-01
254	GB/T 45429-2025	Forensic sciences—Forged video and image of a person—General rules for examination				2025-06-01

255	GB/T 45430-2025	Forensic sciences—Forged video and image of a person—Deepfake examination				2025-06-01
256	GB/T 45431-2025	Forensic sciences—Forged video and image of a person—Evaluation for examination system				2025-06-01
257	GB/T 45432-2025	Forensic sciences—Forged video and image of a person—Source identification				2025-06-01
258	GB/T 45433-2025	Forensic sciences—Forged video and image of a person—Explainable feature set for examination				2025-06-01
259	GB/T 45439-2025	Technical specification for the application of traceability two-dimensional code on fuel gas cylinders and fuel gas cylinder valves				2025-06-01
260	GB/T 45440-2025	E-commerce housekeeping—Ability information description of housekeeping service personnel				2025-02-28
261	GB/T 45441-2025	Greenhouse gases—Quantification methods and requirements of carbon footprint of products—Plastic products				2025-09-01
262	GB/T 45442-2025	Statistical indicators system of cold chain logistics				2025-06-01
263	GB/T 45444-2025	Guidelines for management of pick-up stations of community E-commerce platform				2025-02-28
264	GB/T 45445-2025	General requirements for age-friendly E-commerce platform				2025-02-28
265	GB/Z 15166.8-2025	High-voltage alternating-current fuses—Part 8: Application guide	IEC TR 62655:2013	Identical		2025-09-01
266	GB/Z 27021.13-2025	Conformity assessment—Requirements for bodies providing audit and certification of management systems—Part 13: Competence requirements for auditing and certification of compliance management systems	ISO/IEC TS 17021-13:2021	Identical		2025-02-28
267	GB/Z 27032-2025	Conformity assessment—Guidelines and examples of a scheme for the certification of processes	ISO/IEC TR 17032:2019	Identical		2025-02-28
268	GB/Z 37551.4-2025	Marine energy—Wave, tidal and other water current converters—Part 4: Specification for establishing qualification of new technology	IEC TS 62600-4:2020	Modified		2025-09-01
269	GB/Z 42749.7-2025	Information technology—IT Enabled Services-Business Process Outsourcing (ITES-BPO) lifecycle processes—Part 7: Exemplar for maturity assessment	ISO/IEC TR 30105-7:2019	Modified		2025-09-01

270	GB/Z 45260-2025	Course development guide for education about standardization—Green manufacturing standardization				2025-02-28
271	GB/Z 45261-2025	Course development guide for education about standardization—Fundamentals of conformity assessment				2025-02-28
272	GB/Z 45262-2025	Course development guide for education about standardization—Standardization and application of numbering technology				2025-02-28
273	GB/Z 45268-2025	Guidelines for principal component reliability testing for LED light sources and LED luminaires	IEC TS 62861:2017	Modified		2025-09-01
274	GB/T 1312-2022 (Amendment)	Lampholders for tubular fluorescent lamps and starterholders	IEC 60400:2017	Identical	GB/T 1312-2007	2025-02-28
275	GB/T 5100-2020 (Amendment)	Welded steel gas cylinders	ISO 4706:2008	Non-equivalent	GB/T 5100-2011	2025-02-28
276	GB/T 15382-2021 (Amendment)	General specifications of gas cylinder valves	ISO 10297:2014	Non-equivalent	GB/T 10879-2009, GB/T 15382-2009	2025-02-28
277	GB/T 17935-2023 (Amendment)	Edison screw lampholders	IEC 60238:2020	Identical	GB/T 17935-2007	2025-02-28
278	GB/T 17936-2022 (Amendment)	Bayonet lampholders	IEC 61184:2017	Identical	GB/T 17936-2007	2025-02-28
279	GB/T 19510.1-2023 (Amendment)	Controlgear for electric light sources—Part 1: General and safety requirements	IEC 61347-1:2017	Modified	GB 19510.1-2009	2025-02-28
280	GB/T 19510.213-2023 (Amendment)	Controlgear for electric light sources—Part 2-13: Particular requirements for d.c. or a.c. supplied electronic controlgear for LED modules	IEC 61347-2-13:2016	Modified	GB 19510.14-2009	2025-02-28
281	GB/T 31484-2015 (Amendment)	Cycle life requirements and test methods for traction battery of electric vehicle				2025-04-01
282	GB/T 40621-2021 (Amendment)	Drawing method of cloud-to-ground lightning density distribution map				2025-02-28

Newly Approved National Standards of P. R. China

No. 6, 2025

State Administration for Market Regulation and National Standardization Administration of China have approved the following 216 national standards.

2025-03-28

No.	Standard Number	Title	Adopted Standard	Degree of Standard Adoption	Replaced Standard	Implementation Date
1	GB/T 196-2025	General purpose metric screw threads—Basic dimensions	ISO 724:2023	Modified	GB/T 196-2003	2025-10-01
2	GB/T 1040.1-2025	Plastics—Determination of tensile properties—Part 1: General principles	ISO 527-1:2019	Modified	GB/T 1040.1-2018	2025-10-01
3	GB/T 2684-2025	Test methods for foundry sands and molding mixtures			GB/T 2684-2009	2025-10-01
4	GB/T 3091-2025	Welded steel pipes for low pressure fluid delivery			GB/T 3091-2015	2025-10-01
5	GB/T 4340.2-2025	Metallic materials—Vickers hardness test—Part 2: Verification and calibration of testing machines	ISO 6507-2:2018	Modified	GB/T 4340.2-2012	2025-10-01
6	GB/T 4340.3-2025	Metallic materials—Vickers hardness test—Part 3: Calibration of reference blocks	ISO 6507-3:2018	Modified	GB/T 4340.3-2012	2025-10-01
7	GB/T 4354-2025	Hot-rolled quality carbon steel wire rods			GB/T 4354-2008, GB/T 33165-2016	2025-10-01
8	GB/T 5612-2025	Designation of cast irons			GB/T 5612-2008	2025-10-01
9	GB/T 5843-2025	Flange coupling			GB/T 5843-2003	2025-10-01
10	GB/T 5844-2025	Tyre coupling			GB/T 5844-2002	2025-10-01
11	GB/T 6418.1-2025	Copper base brazing filler metals—Part 1: Solid brazing filler metals			GB/T 6418-2008	2025-10-01

12	GB/T 6516-2025	Electrolytic nickel			GB/T 6516-2010	2025-10-01
13	GB/T 8152.6-2025	Methods for chemical analysis of lead concentrates—Part 6: Determination of bismuth content			GB/T 8152.6-1987, GB/T 8152.8-1987	2025-10-01
14	GB/T 9065.2-2025	Connections for hydraulic fluid power—Hose fittings—Part 2: 24° cone connectors	ISO 12151-2:2022	Modified	GB/T 9065.2-2010	2025-03-28
15	GB/T 10184-2025	Performance test code of practice for utility boiler			GB/T 10184-2015	2025-10-01
16	GB/T 10781.5-2025	Quality requirements for baijiu—Part 5: Chixiangxing baijiu			GB/T 16289-2018	2026-04-01
17	GB/T 10859.1-2025	Nickel base brazing filler metals—Part 1: Solid brazing filler metals			GB/T 10859-2008	2025-10-01
18	GB/T 12008.7-2025	Plastics—Polyether polyols for use in the production of polyurethane—Part 7: Determination of basicity	ISO 14899:2022	Modified		2025-10-01
19	GB/T 12385-2025	Standard test methods for sealability of gaskets for pipe flanges			GB/T 12385-2008	2025-10-01
20	GB/T 13460-2025	Reclaimed rubber—General specification			GB/T 13460-2016	2025-10-01
21	GB/T 13815.1-2025	Aluminium base brazing filler metals—Part 1: Solid brazing filler metals			GB/T 13815-2008	2025-10-01
22	GB/T 14601-2025	Electronic specialty gas—Ammonia			GB/T 14601-2009	2025-10-01
23	GB/T 14851-2025	Electronic specialty gas—Phosphine			GB/T 14851-2009	2025-10-01
24	GB/T 15074-2025	General specification for EPMA quantitative analysis			GB/T 15074-2008	2025-10-01
25	GB/T 15340-2025	Rubber, raw natural and raw synthetic—Sampling and further preparative procedures	ISO 1795:2017	Identical	GB/T 15340-2008	2025-10-01
26	GB/T 16262.1-2025	Information technology—Abstract Syntax Notation One (ASN.1)—Part 1: Specification of basic notation	ISO/IEC 8824-1:2021	Identical	GB/T 16262.1-2006	2025-10-01
27	GB/T 16262.2-2025	Information technology—Abstract Syntax Notation One (ASN.1)—Part 2: Information object specification	ISO/IEC 8824-2:2021	Identical	GB/T 16262.2-2006	2025-10-01
28	GB/T 16262.3-2025	Information technology—Abstract Syntax Notation One (ASN.1)—Part 3: Constraint specification	ISO/IEC 8824-3:2021	Identical	GB/T 16262.3-2006	2025-10-01

29	GB/T 16262.4-2025	Information technology—Abstract Syntax Notation One (ASN.1)—Part 4: Parameterization of ASN.1 specifications	ISO/IEC 8824-4:2021	Identical	GB/T 16262.4-2006	2025-10-01
30	GB/T 17365-2025	Microbeam analysis—Method of preparation for specimens of metal and alloy in electron probe microanalysis			GB/T 17365-1998	2025-10-01
31	GB/T 20014.28-2025	Good agricultural practice—Part 28: cotton control points and compliance criteria				2025-03-28
32	GB/T 20236-2025	Accelerated outdoor weathering test methods for nonmetallic materials using concentrated natural sunlight			GB/T 20236-2015	2025-10-01
33	GB/T 20725-2025	Microbeam analysis—Electron probe microanalysis—Guidelines for qualitative point analysis by wavelength dispersive X-ray spectrometry	ISO 17470:2014	Identical	GB/T 20725-2006	2025-10-01
34	GB/T 20850-2025	Safety of machinery—Guidelines for the application of machinery safety standards			GB/T 20850-2014	2025-10-01
35	GB/T 21290-2025	Frozen tilapia fillets			GB/T 21290-2018	2025-10-01
36	GB/T 21638-2025	Microbeam analysis—Guidelines for electron beam microanalysis of defects in steel materials			GB/T 21638-2008	2025-10-01
37	GB/T 22107-2025	Pneumatic fluid power—Directional control valves—Measurement of shifting time	ISO 12238:2023	Modified	GB/T 22107-2008	2025-03-28
38	GB/T 22248-2025	Determination of glycyrrhizic acid in health foods			GB/T 22248-2008	2025-10-01
39	GB/T 22250-2025	Determination of chlorogenic acid in health foods			GB/T 22250-2008	2025-10-01
40	GB/T 22320-2025	Information technology—Chinese coded character set—15×16 dot matrix font of Chinese ideogram			GB/T 22320-2019	2025-10-01
41	GB/T 22321.1-2025	Information technology—Chinese coded character set—48 dot matrix font of Chinese ideogram—Part 1: Song ti			GB/T 22321.1-2018	2025-10-01
42	GB/T 22322.1-2025	Information technology—Chinese coded character set—24 dot matrix font of Chinese ideogram—Part 1: Song ti			GB/T 22322.1-2019	2025-10-01
43	GB/T 22459.10-2025	Refractory mortars—Part 10: Determination of permanent change in dimensions on heating	ISO 13765-7:2021	Modified		2025-10-01

44	GB/T 23480-2025	Small hole drilling electrical discharge machines—Testing of the accuracy			GB/T 23480.1-2009, GB/T 23480.2-2009	2025-10-01
45	GB/T 23506-2025	The gas-fuel power set for oil production drilling site			GB/T 23506-2017	2025-10-01
46	GB/T 24238-2025	Hot-rolled steel wire rod for prestressed steel wire and strand			GB/T 24238-2017	2025-10-01
47	GB/T 25025-2025	Technical requirements for glass-lined equipment			GB 25025-2010	2025-10-01
48	GB/T 25139-2025	Ceramic foam filter for foundry			GB/T 25139-2010	2025-10-01
49	GB/T 25820-2025	Steel strapping for packaging	ISO 24259:2022	Modified	GB/T 25820-2018	2025-10-01
50	GB/T 26002-2025	Stainless steel pliable corrugated tubing and fittings used in gas piping systems			GB/T 26002-2010	2025-10-01
51	GB/T 26354-2025	Tourist information service			GB/T 26354-2010	2025-07-01
52	GB/T 26361-2025	Requirements of facility and service for tourist restaurants			GB/T 26361-2010	2025-03-28
53	GB/T 27069-2025	Guidelines for the mutual recognition evaluation of product conformity assessment results				2025-03-28
54	GB/T 2878.1-2025	Connections for hydraulic fluid power—Ports with truncated housing and stud ends with metric threads—Part 1: Ports with truncated housing	ISO 6149-1:2022	Identical	GB/T 2878.1-2011	2025-03-28
55	GB/T 28885-2025	Directives for gas service			GB/T 28885-2012	2025-10-01
56	GB/T 28906-2025	Hot-rolled steel wire rod for cold heading			GB/T 28906-2012, GB/T 29087-2012	2025-10-01
57	GB/T 29847-2025	Test methods for copper foil used for printed boards			GB/T 29847-2013	2025-10-01
58	GB/T 30237-2025	Deteriorations and legends of ancient wall paintings			GB/T 30237-2013	2025-10-01
59	GB/T 30565-2025	Non-destructive testing—Eddy current testing—General principles	ISO 15549:2019	Identical	GB/T 30565-2014	2025-03-28
60	GB/T 30637-2025	General quality of edible kudzu root powder			GB/T 30637-2014	2025-10-01
61	GB/T 30907-2025	Rubber shoes—Test method for shock attenuating properties of athletic shoes			GB/T 30907-2014	2025-10-01
62	GB/T 31379.1-2025	Test methods for polarizers of flat panel displays—Part 1: Physical and chemical properties			GB/T 31379-2015	2025-10-01

63	GB/T 31968-2025	Rare earth composite yttrium zirconium oxide ceramic powder			GB/T 31968-2015	2025-10-01
64	GB/T 32366-2025	Biodegradable poly (butylene adipate terephthalate) (PBAT)			GB/T 32366-2015	2025-10-01
65	GB/T 32456-2025	General technical specification for energy saving heating system of rubber and plastics machines			GB/T 32456-2015	2025-10-01
66	GB/T 32468-2025	Copper clad aluminum plates, sheets, strips and foils			GB/T 32468-2015	2025-10-01
67	GB/T 33523.600-2025	Geometrical product specifications (GPS)—Surface texture: Areal—Part 600: Metrological characteristics for areal topography measuring methods	ISO 25178-600:2019	Identical		2025-03-28
68	GB/T 33796-2025	General technical requirement of thermoplastic starch			GB/T 33796-2017	2025-10-01
69	GB/T 33798-2025	Bio-polyester drum-linkage bags			GB/T 33798-2017	2025-10-01
70	GB/T 33920-2025	Test method for flexible graphite sheets			GB/T 33920-2017	2025-10-01
71	GB/T 34874.1-2025	Geometrical product specifications (GPS)—X-ray three dimensional size measuring machines—Part 1: Vocabulary				2025-03-28
72	GB/T 34874.4-2025	Geometrical product specifications (GPS)—X-ray three dimensional size measuring machines—Part 4: Evaluation of uncertainty in measurement				2025-03-28
73	GB/T 35205.1-2025	Rough-terrain trucks—Safety requirements and verification—Part 1: Variable-reach trucks	ISO 10896-1:2020	Identical	GB/T 35205.1-2017	2025-10-01
74	GB/T 35319-2025	Internet of things—System interface requirements			GB/T 35319-2017	2025-10-01
75	GB/T 36621-2025	Smart city—Guideline for information technology operation			GB/T 36621-2018	2025-10-01
76	GB/T 37507-2025	Project, programme and portfolio management—Guidance on project management	ISO 21502:2020	Identical	GB/T 37507-2019	2025-03-28
77	GB/T 38055.1-2025	Rough-terrain trucks—Safe use requirements—Part 1: Variable-reach trucks	ISO 11525-1:2020	Identical	GB/T 38055.1-2019	2025-10-01

78	GB/T 38178.1-2025	Hydraulic fluid power—Mounting dimensions for single rod cylinders, 10 MPa series—Part 1: General series	ISO 10762:2015	Modified		2025-03-28
79	GB/T 38205.1-2025	Hydraulic fluid power—Mounting dimensions for single rod cylinders, 16 MPa series—Part 1: Medium series	ISO 6020-1:2007	Modified		2025-03-28
80	GB/T 38205.2-2025	Hydraulic fluid power—Mounting dimensions for single rod cylinders, 16 MPa series—Part 2: Compact series with bores from 25 mm to 220 mm	ISO 6020-2:2015	Modified		2025-03-28
81	GB/T 40565.2-2025	Connections for hydraulic fluid power—Quick-action couplings—Part 2: Flush-face type	ISO 16028:2023	Modified	GB/T 40565.2-2021	2025-03-28
82	GB/T 41771.6-2025	Field device integration—Part 6: Technology mapping	IEC 62769-6:2023	Identical		2025-10-01
83	GB/T 41780.3-2025	Internet of things—Edge computing—Part 3: Node interface requirements				2025-03-28
84	GB/T 45284.1-2025	Information technology—Extensible biometric data interchange formats—Part 1: Framework	ISO/IEC 39794-1:2019	Identical		2025-10-01
85	GB/T 45284.4-2025	Information technology—Extensible biometric data interchange formats—Part 4: Finger image data	ISO/IEC 39794-4:2019	Identical		2025-10-01
86	GB/T 45284.5-2025	Information technology—Extensible biometric data interchange formats—Part 5: Face image data	ISO/IEC 39794-5:2019	Identical		2025-10-01
87	GB/T 45284.6-2025	Information technology—Extensible biometric data interchange formats—Part 6: Iris image data	ISO/IEC 39794-6:2021	Identical		2025-10-01
88	GB/T 45284.9-2025	Information technology—Extensible biometric data interchange formats—Part 9: Vascular image data	ISO/IEC 39794-9:2021	Identical		2025-10-01
89	GB/T 45284.16-2025	Information technology—Extensible biometric data interchange formats—Part 16: Full body image data	ISO/IEC 39794-16:2021	Identical		2025-10-01
90	GB/T 45284.17-2025	Information technology—Extensible biometric data interchange formats—Part 17: Gait image sequence data	ISO/IEC 39794-17:2021	Identical		2025-10-01
91	GB/T 45374-2025	Lifting appliances—Hazard identification				2025-10-01
92	GB/T 45375-2025	Earth-moving machinery—Assessment method for remanufacturing capability maturity				2025-10-01

93	GB/T 45376-2025	Electroforming process specification of nickel and copper				2025-10-01
94	GB/T 45377-2025	Non-destructive testing—Long-range inspection of above-ground pipelines and plant piping using guided wave testing with axial propagation	ISO 18211:2016	Modified		2025-03-28
95	GB/T 45379-2025	Five-axis hybrid electrical discharge and arc milling machines—Testing of the accuracy				2025-10-01
96	GB/T 45380-2025	Non-destructive testing—Nonlinear ultrasonic testing method of microstructure damage				2025-03-28
97	GB/T 45381-2025	Gantry-type die sinking electrical discharge machines with movable crossbeam—Testing of the accuracy				2025-10-01
98	GB/T 45382-2025	Tools for moulding—Guide pillars, straight and shouldered, and locating guide pillars, shouldered	ISO 8017:2007	Identical		2025-03-28
99	GB/T 45383-2025	Tools for moulding—Sprue pullers	ISO 16915:2003	Identical		2025-03-28
100	GB/T 45384-2025	Safety and control devices for gas burners and gas-burning appliances—Particular requirements—Pneumatic gas/air ratio pressure regulator				2025-10-01
101	GB/T 45385-2025	Safety and control devices for gas burners and gas-burning appliances—Particular requirements—Vent valves	ISO 23551-10:2016	Modified		2025-10-01
102	GB/T 45386.1-2025	Electrochemical technical specification for industrial wastewater treatment—Part 1: General				2025-10-01
103	GB/T 45387-2025	Management-control integration reference model of discrete intelligent factories				2025-10-01
104	GB/T 45389-2025	Data security technology—Capacity requirements for assessment organization of data security				2025-10-01
105	GB/T 45390-2025	Communication interface requirements for power lithium battery production equipment				2025-10-01
106	GB/T 45391-2025	Non-destructive testing instruments—Equipment for eddy current examination—Array probe characteristics and verification	ISO 20339:2017	Identical		2025-10-01

107	GB/T 45392-2025	Data security technology—Security requirements for automated decision making based on personal information				2025-10-01
108	GB/T 45393.2-2025	Information technology—Building information model (BIM) software—Part 2: Parameterized model				2025-10-01
109	GB/T 45393.4-2025	Information technology—Building information model (BIM) software—Part 4: Mesh model				2025-10-01
110	GB/T 45393.5-2025	Information technology—Building information model (BIM) software—Part 5: Data interface				2025-10-01
111	GB/T 45394-2025	Information technology—General specification for cyberspace surveying and mapping				2025-10-01
112	GB/T 45395-2025	Information technology—Technical requirements for MiniApp accessibility				2025-03-28
113	GB/T 45396-2025	Data security technology—Security requirements for government data processing				2025-10-01
114	GB/T 45397-2025	Information technology—Big data for ecological environment—System framework				2025-10-01
115	GB/T 45398-2025	Information technology—Crowdsourcing service platform—General requirements for functions				2025-10-01
116	GB/T 45399-2025	Information technology—Cloud computing—General technical requirements of hyper converged infrastructure system				2025-10-01
117	GB/T 45400-2025	Information technology—Cloud computing—General requirements of HPC in cloud				2025-10-01
118	GB/T 45401.2-2025	Artificial intelligence—Scheduling and cooperation for computing devices—Part 2: Framework for distributed computing				2025-03-28
119	GB/T 45402-2025	Smart city—City intelligent center—Reference architecture				2025-10-01
120	GB/T 45403-2025	Digital supply chain—Maturity model				2025-07-01
121	GB/T 45404-2025	Data security technology—Requirements for large Internet companies internal personal information protection supervision agency				2025-10-01

122	GB/T 45405-2025	Three dimensional product data visualization application format				2025-03-28
123	GB/T 45406-2025	Security technical requirements for critical network devices—Programmable logic controller (PLC)				2025-10-01
124	GB/T 45407-2025	Information technology—Cyberspace map				2025-10-01
125	GB/T 45408-2025	Information technology—Big data for ecological environment—Data classification and code				2025-10-01
126	GB/T 45409-2025	Cybersecurity technology—Technical specifications for operation and maintenance security management products				2025-10-01
127	GB/T 45410.1-2025	Optics and photonics—Test methods for telescopic systems—Part 1: Basic characteristics	ISO 14490-1:2005	Modified		2025-10-01
128	GB/T 45410.2-2025	Optics and photonics—Test methods for telescopic systems—Part 2: Binoculars	ISO 14490-2:2005	Modified		2025-10-01
129	GB/T 45410.3-2025	Optics and photonics—Test methods for telescopic systems—Part 3: Telescopic sights	ISO 14490-3:2021	Modified		2025-10-01
130	GB/T 45411.1-2025	Optics and photonics—Specifications for telescopic sights—Part 1: General-purpose instruments	ISO 14135-1:2021	Modified		2025-10-01
131	GB/T 45411.2-2025	Optics and photonics—Specifications for telescopic sights—Part 2: High-performance instruments	ISO 14135-2:2021	Modified		2025-10-01
132	GB/T 45412.1-2025	Optics and photonics—Specifications for binoculars, monoculars and spotting scopes—Part 1: General purpose instruments	ISO 14133-1:2016	Modified		2025-10-01
133	GB/T 45412.2-2025	Optics and photonics—Specifications for binoculars, monoculars and spotting scopes—Part 2: High performance instruments	ISO 14133-2:2016	Modified		2025-10-01
134	GB/T 45414-2025	Tsao-ko				2025-10-01
135	GB/T 45434.1-2025	China standard time—Part 1: General principle				2025-03-28
136	GB/T 45434.2-2025	China standard time—Part 2: Metadata				2025-03-28

137	GB/T 45434.3-2025	China standard time—Part 3: Bulletin				2025-03-28
138	GB/T 45435-2025	Technical requirements and test methods of BeiDou airborne equipment for aviation supplemental navigation				2025-03-28
139	GB/T 45436-2025	Code for technical upgrading of EAF process and equipment				2025-10-01
140	GB/T 45443-2025	Determination of melatonin in health foods			GB/T 5009.170-2003	2025-10-01
141	GB/T 45446-2025	Interface specification for signal in space of Beidou navigation satellite system precise point positioning service				2025-03-28
142	GB/T 45447-2025	Revert materials for cast superalloy				2025-10-01
143	GB/T 45448-2025	Revert materials for wrought superalloy				2025-10-01
144	GB/T 45449-2025	Revert materials for powder metallurgy superalloy				2025-10-01
145	GB/T 45450-2025	Revert materials for superalloy—Terminology and classification				2025-10-01
146	GB/T 45451.1-2025	Packaging—Plastics drums—Part 1: Removable head (open head) drums with a nominal capacity of 113.6 L to 220 L	ISO 20848-1:2006	Modified		2025-03-28
147	GB/T 45451.2-2025	Packaging—Plastics drums—Part 2: Non-removable head (tight head) drums with a nominal capacity of 208.2 L to 220 L	ISO 20848-2:2006	Modified		2025-03-28
148	GB/T 45452-2025	Hydraulic fluid power—Mounting dimensions for single rod cylinders, 25 MPa series	ISO 6022:2006	Modified		2025-03-28
149	GB/T 45453-2025	Packaging—Tamper verification features for medicinal product packaging	ISO 21976:2018	Modified		2025-03-28
150	GB/T 45454-2025	Compression and injection moulds—Components for gating systems	ISO 28238:2010	Identical		2025-03-28
151	GB/T 45455-2025	Tools for moulding—Guide bushes, headed, and locating guide bushes, headed	ISO 8018:2007	Identical		2025-03-28
152	GB/T 45456-2025	Packaging—Determination of crease stiffness for folding cartons				2025-03-28
153	GB/T 45457.1-2025	Non-destructive testing of heavy duty gas turbine blades and vanes—Part 1: Radiographic testing				2025-03-28

154	GB/T 45457.2-2025	Non-destructive testing of heavy duty gas turbine blades and vanes—Part 2: Visual testing				2025-03-28
155	GB/T 45458-2025	Method for determination of trace elements in attapulgite				2025-10-01
156	GB/T 45459-2025	Microbeam analysis—Focused ion beam—Preparation of TEM specimens				2025-10-01
157	GB/T 45460-2025	Steel wire ropes—Determination of the transverse rigidity of steel wire ropes under no axial load condition	ISO 16839:2013	Identical		2025-10-01
158	GB/T 45461-2025	Carbon fiber composite materials—Code of practice for test specimen tabbing				2025-10-01
159	GB/T 45462-2025	Test methods for the performance of gas-phase air cleaning media and devices				2025-10-01
160	GB/T 45464-2025	Test method for modifier content of SBS modified asphalt for road engineering				2025-10-01
161	GB/T 45465.1-2025	Testing and calculating methods for seasonal performance factor of energy recovery ventilators for outdoor air handling—Part 1: Seasonal performance factor of sensible heating recovery	ISO 5222-1:2023	Non-equivalent		2025-10-01
162	GB/T 45466-2025	Gas-fired clothes dryer				2025-10-01
163	GB/T 45467-2025	Fiber reinforced polymer composite tubes for confining concrete				2025-10-01
164	GB/T 45468-2025	Microbeam analysis—FIB-SEM imaging and analysis method for 3D micro-pore structure of rock sample				2025-10-01
165	GB/T 45469-2025	Microbeam analysis—Transmission electron microscopy—Preparation methods of ultrathin section of polymer composites				2025-10-01
166	GB/T 45470-2025	Recycled carbon fiber for cement concrete				2025-10-01
167	GB/T 45471-2025	Test method for mode III interlaminar fracture toughness of carbon fiber reinforced composite materials—Edge crack torsion method				2025-10-01
168	GB/T 45472-2025	Prefabricated insulation pipes for overhead and utility tunnel				2025-10-01

169	GB/T 45473-2025	Composites and reinforcements fibres—Carbon fibre reinforced plastics (CFRPs) and metal assemblies—Determination of the cross tension strength	ISO 24360:2022	Identical		2025-10-01
170	GB/T 45474-2025	Test method for mode II interlaminar fracture toughness of carbon fiber reinforced composite materials—Three point bending method with end notched				2025-10-01
171	GB/T 45475.1-2025	Plastics—Poly (phenylene ether) (PPE) moulding and extrusion materials—Part 1: Designation system and basis for specifications	ISO 20557-1:2018	Modified		2025-10-01
172	GB/T 45475.2-2025	Plastics—Poly (phenylene ether) (PPE) moulding and extrusion materials—Part 2: Preparation of test specimen and determination of properties	ISO 20557-2:2018	Modified		2025-10-01
173	GB/T 45476-2025	Safety requirements for plastics blow moulding machines				2025-10-01
174	GB/T 45477-2025	Oil free centrifugal water chilling (heat pump) packages				2025-10-01
175	GB/T 45478-2025	General requirement for grading label of motor vehicle tyres				2025-10-01
176	GB/T 45479-2025	Manganese ores and concentrates—Determination of potassium oxide and sodium oxide content—Flame atomic emission spectrometric method	ISO 4571:1981	Modified		2025-07-01
177	GB/T 45480-2025	Manganese ores and concentrates—Determination of aluminium content—Photometric and gravimetric methods	ISO 4295:1988	Modified		2025-10-01
178	GB/T 45481-2025	Silicone rubber compounds—Application for medical catheters				2025-10-01
179	GB/T 45484-2025	Ships and marine technology—Bunker fuel mass flow meters on receiving vessel—Requirements	ISO 21562:2020	Identical		2025-07-01
180	GB/T 45485-2025	Ships and marine technology—Design and test requirements for small steel hatches using electrical trace heating	ISO 24319:2022	Identical		2025-07-01

181	GB/T 45486-2025	Ships and marine technology—Ballast water management systems (BWMS)—Computational physical modelling and calculations on scaling of UV reactors	ISO 23152:2021	Identical		2025-10-01
182	GB/T 45487-2025	Ships and marine technology—Marine environment protection—Specification for collecting data on ship's fuel oil consumption	ISO 23765:2021	Identical		2025-07-01
183	GB/T 45488-2025	Ships and marine technology—Fireproof watertight hatch covers	ISO 24169:2022	Identical		2025-07-01
184	GB/T 45489-2025	General technical specification of the track panel for medium and low speed maglev				2025-10-01
185	GB/T 45490-2025	Terminology for green finance				2025-03-28
186	GB/T 45491-2025	Brand valuation—Senior care services industry				2025-03-28
187	GB/T 45493-2025	Requirements of implementation of motor vehicle products recall based on over-the-air update technology				2026-01-01
188	GB/T 45494-2025	Project, programme and portfolio management—Context and concepts	ISO 21500:2021	Identical		2025-03-28
189	GB/T 45495-2025	Consumer product defect engineering analysis—Test method for sharpness of edges				2025-03-28
190	GB/T 45496-2025	Motor vehicle product recall—Guidelines for information defect assessment				2025-03-28
191	GB/T 45497-2025	Motor vehicle product recall—Guidelines for manufacturers				2025-03-28
192	GB/T 45498.1-2025	Specifications for the social security card one-card-pass of the People's Republic of China—Part 1: Basic specifications				2025-03-28
193	GB/T 45498.2-2025	Specifications for the social security card one-card-pass of the People's Republic of China—Part 2: Application specifications				2025-03-28
194	GB/T 45498.3-2025	Specifications for the social security card one-card-pass of the People's Republic of China—Part 3: Security specifications				2025-03-28

195	GB/T 45498.4-2025	Specifications for the social security card one-card-pass of the People's Republic of China—Part 4: Terminal specifications				2025-03-28
196	GB/T 45499-2025	Specifications for library management and service in township (subdistrict) cultural station				2025-10-01
197	GB/T 45501-2025	Industrial robots—Three-dimensional vision-guided system—General technical requirements				2025-10-01
198	GB/T 45502-2025	General requirements for information security of service robots				2025-10-01
199	GB/T 45507-2025	Intelligent service—Performance evaluation method of predictive maintenance				2025-10-01
200	GB/T 45508-2025	Machine readable standards capability classification model and assessment				2025-10-01
201	GB/T 45509-2025	Industrial robots—Dynamic stability test methods				2025-10-01
202	GB/T 45510-2025	General requirements for edge intelligent instruments				2025-10-01
203	GB/T 45511-2025	Industrial field communication quality inspection—General technical specifications				2025-10-01
204	GB/T 45537-2025	Requirements of use and test methods for snow-making machines in ski area				2025-10-01
205	GB/T 45539-2025	Technical requirements of proton exchange membrane electrolyzer				2025-07-01
206	GB/T 45540-2025	Greenhouse gas—Quantification method and requirements for carbon footprint of products—Man-made fibres				2025-10-01
207	GB/T 45541-2025	Testing method for proton exchange membrane electrolyzer performance				2025-07-01
208	GB/T 45542-2025	Specification for integrated energy efficiency evaluation of industrial boilers				2025-10-01
209	GB/T 45543-2025	Substrate glass for organic light emitting diode (OLED) display devices				2025-10-01
210	GB/T 45544-2025	Jump rope				2025-07-01

211	GB/T 45578-2025	Non-destructive testing—Acoustic emission testing—Verification of the receiving sensitivity spectra of piezoelectric acoustic emission sensors	ISO 24543:2022	Identical		2025-03-28
212	GB/Z 27001-2025	Conformity assessment—Common elements—Principles and requirements	ISO/CAS/PROC/33:2020	Modified	GB/T 27001-2011, GB/T 27002-2011, GB/T 27003-2011, GB/T 27004-2011, GB/T 27005-2011	2025-07-01
213	GB/Z 45378-2025	Non-destructive testing—Methods for absolute calibration of acoustic emission transducers by the reciprocity technique	ISO/TR 13115:2011	Modified		2025-03-28
214	GB/Z 45388.1-2025	Industrial-process measurement, control and automation—Part 1: System interface between industrial facilities and the smart grid	IEC TS 62872-1:2019	Identical		2025-10-01
215	GB/Z 45463-2025	Method for porosity measurement of thermally sprayed coatings	ISO/TR 26946:2011	Modified		2025-10-01
216	GB/Z 45492-2025	Course development guide for education about standardization—National quality infrastructure and its application				2025-03-28

Newly Approved National Standards of P. R. China

No. 8, 2025

State Administration for Market Regulation and National Standardization Administration of China have approved the following 9 national standards.

2025-03-28

No.	Standard Number	Title	Adopted Standard	Degree of Standard Adoption	Replaced Standard	Implementation Date
1	GB 6944-2025	Classification and code of dangerous goods			GB 6944-2012	2025-10-01
2	GB 11555-2025	Technical specification for demisting and defrosting systems of motor vehicles-windshield			GB 11555-2009	2026-01-01
3	GB 12268-2025	List of dangerous goods			GB 12268-2012	2025-10-01
4	GB 15093-2025	National emblem			GB 15093-2008	2026-01-01
5	GB 29743.2-2025	Motor vehicle coolant—Part 2: Electric vehicle coolant				2025-10-01
6	GB 30367-2025	Dentistry—Ceramic materials			GB 30367-2013	2027-04-01
7	GB 38031-2025	Electric vehicles traction battery safety requirements			GB 38031-2020	2026-07-01
8	GB 45320-2025	Safety and general technical specifications for construction waterproof sheets				2025-10-01
9	GB 45549-2025	Norm of energy consumption per unit production of graphite and fluorite				2026-04-01

