

Supplement to China Standardization

January / February 2025

Newly Approved National Standards of P. R. China

中华人民共和国国家标准公告

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No. 29, 2024	11–30
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No. 32, 2024	31–46
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Newly Approved National Standards of P. R. China

No. 26, 2024

State Administration for Market Regulation and National Standardization Administration of China have approved the following 12 national standards and 3 national standards with amendment.

2024-10-28

No.	Standard Number	Title	Adopted Standard	Degree of Standard Adoption	Replaced Standard	Implementation Date
1	GB 4234.2-2024	Implants for surgery—Metallic materials—Part 2: Unalloyed titanium	ISO 5832-2:2018	Modified		2026-11-01
2	GB 4234.3-2024	Implants for surgery—Metallic materials—Part 3: Wrought titanium 6-aluminum 4-vanadium alloy	ISO 5832-3:2021	Modified		2026-11-01
3	GB 4234.7-2024	Implants for surgery—Metallic materials—Part 7: Forgeable and cold-formed cobalt-chromium-nickel-molybdenum-iron alloy	ISO 5832-7:2024	Modified		2026-11-01
4	GB 4234.12-2024	Implants for surgery—Metallic materials—Part 12: Wrought cobalt-chromium-molybdenum alloy	ISO 5832-12:2019	Modified		2026-11-01
5	GB 4404.1-2024	Seed of food crops—Part 1: Cereals			GB 4404.1-2008, GB 4404.3-2010, GB 4404.4-2010	2025-10-01
6	GB 4407.2-2024	Seed of economic crops—Part 2: Oil species			GB 4407.2-2008	2025-10-01
7	GB 4793-2024	Safety technical specification for electrical equipment for measurement, control and laboratory use			GB 4793.1-2007 (part)	2026-11-01

8	GB 12955-2024	Fire-resistant doorsets			GB 12955-2008	2026-05-01
9	GB 20464-2024	General directive for labelling of agricultural seeds			GB 20464-2006	2025-10-01
10	GB 21523-2024	Effluent standards of pollutants for pesticides industry			GB 21523-2008	2024-12-01
11	GB 25502-2024	Minimum allowable values of water efficiency and water efficiency grades for water closets			GB 25502-2017	2025-05-01
12	GB 44917-2024	Hygienic requirements for the bulk transportation of edible vegetable oils				2025-02-01
13	GB 19430-2013 (Amendment)	Effluent standards of water pollutants for citric acid industry			GB 19430-2004	2024-12-01
14	GB 25461-2010 (Amendment)	Discharge standards of water pollutants for starch industry				2024-12-01
15	GB 25462-2010 (Amendment)	The discharge standard of water pollutants for yeast industry				2024-12-01

Newly Approved National Standards of P. R. China

No. 27, 2024

State Administration for Market Regulation and National Standardization Administration of China have approved the foreign language versions of the following 79 national standards.

2024-10-30

No.	Standard Number	Title	Language
1	GB 25972-2010	Gas fire extinguishing systems and components	English
2	GB 17835-2008	Water based extinguishing agent	English
3	GB 27897-2011	Class A foam extinguishing agent	English
4	GB 5144-2006	Safety code for tower cranes	English
5	GB/T 13786-2022	Artificial daylighting illumination for cotton classing rooms	English
6	GB/T 43810-2024	Determination of flavonol glycosides in epimedium extract as feed additive—High performance liquid chromatography	English
7	GB/T 43755-2024	Preformed solders	English
8	GB/T 22919.8-2024	Aquatic feed—Part 8: Formula feed for basa catfish	English
9	GB/T 22919.10-2024	Aquatic feed—Part 10: Formula feed for tilapias	English
10	GB/T 22919.6-2024	Aquatic feed—Part 6: Formula feed for grouper	English
11	GB/T 22919.9-2024	Aquatic feed—Part 9: Formula feed for largemouth bass	English
12	GB/T 43745-2024	Feed material—Fermented soybean meal	English

13	GB/T 15945-2008	Power quality—Frequency deviation for power system	English
14	GB/T 12326-2008	Power quality—Voltage fluctuation and flicker	English
15	GB/T 12325-2008	Power quality—Deviation of supply voltage	English
16	GB/T 15543-2008	Power quality—Three-phase voltage unbalance	English
17	GB/T 43483-2023	Heavy mechanical—Design specification for weldments	English
18	GB/T 31268-2024	Restricting excessive packaging for commodity—General rules	English
19	GB/T 43415-2023	Heavy mechanical—Design requirement for casting	English
20	GB/T 37400.18-2023	Heavy mechanical general technical specification—Part 18: Opening gear drives system	English
21	GB/T 27698.2-2023	Test methods for the performance of heat exchangers and heat exchange elements—Part 2: Heat exchangers	English
22	GB/T 27698.3-2023	Test methods for the performance of heat exchangers and heat exchange elements—Part 3: Heat exchanger elements	English
23	GB/T 35325-2017	Grain and oil machinery—Endless screen precleaner	English
24	GB/T 21561.4-2018	Railway applications—Rolling stock pantograph characteristics and tests—Part 4: Interface between pantograph and rolling stock for metros and light rail vehicles	English
25	GB/T 21308-2007	Lint cleaner	English
26	GB/T 35187-2017	Technical regulations for cotton bale data management	English
27	GB/T 35834-2018	Technical specifications for machine-picked cotton processing	English
28	GB/T 29885-2013	Cotton seed quality grade	English
29	GB/T 10067.6-2023	Basic specifications for electroheating and electromagnetic processing installations—Part 6: Industrial microwave heating installations	English
30	GB/T 10401-2023	General specification for permanent magnet direct current torque motors	English
31	GB/T 20638-2023	General specification for stepping motors	English
32	GB/T 14272-2021	Down garments	English

33	GB/T 43955-2024	Inspection, marking and packing for yarn of cotton, man-made fibres and blends	English
34	GB/T 5324-2024	Cotton and polyester blended grey yarn	English
35	GB/T 43831-2024	Inspection, marking and packing for grey woven fabric of cotton, man-made fibres and blends	English
36	GB/T 5325-2024	Cotton and polyester blended grey fabric	English
37	GB/T 22800-2023	Textiles for tourist hotels	English
38	GB/T 40180-2021	Buoyant swimwear for infants and children	English
39	GB/T 40270-2021	Textiles—General technical requirements based on consumer experience	English
40	GB/T 22700-2016	Washed garments	English
41	GB/T 31903-2024	Identification, marking and packing for garment interlining	English
42	GB/T 28465-2024	Inspection rules for garment interlining	English
43	GB/T 31904-2024	Nonwoven adhesive interlining	English
44	GB/T 21835-2008	Dimensions and masses per unit length of welded steel pipes	English
45	GB/T 41324-2022	Fire-resistant weathering steels for structure	English
46	GB/T 1591-2018	High strength low alloy structural steels	English
47	GB/T 37429-2019	Guides for energy efficiency assessment of electric arc furnace process	English
48	GB/T 36025-2018	Guides for energy efficiency assessment of continuous galvanizing process	English
49	GB/T 34193-2017	Guides for energy efficiency assessment of blast furnace process	English
50	GB/T 33973-2017	Guides for energy efficiency assessment of raw material yard of iron and steel enterprise	English
51	GB/T 36023-2018	Guides for energy efficiency assessment of prepainting process	English
52	GB/T 34196-2017	Guides for energy efficiency assessment of grate-kiln iron ore pelletizing process	English
53	GB/T 34195-2017	Guides for energy efficiency assessment of sintering process	English

54	GB/T 43491-2023	Steel wire ropes—Creep testing method	English
55	GB/T 42900-2023	Metallic materials—High strain rate compression test method at elevated temperature	English
56	GB/T 43112-2023	Metallic materials—Elastic modulus measurement—Rate-jump method	English
57	GB/T 42903-2023	Metallic Materials—Testing methods for creep crack and creep-fatigue crack growth rates	English
58	GB/T 43113-2023	Standard practices for evaluating the hydrothermal resistance of carbon fiber reinforced polymer composites	English
59	GB/T 38470-2023	Recycling material for copper alloy	English
60	GB/T 38471-2023	Recycling material for copper	English
61	GB/T 12817-2021	General technical specification for railway passenger car	English
62	GB/T 43775-2024	Railway applications—Converter onboard rolling stock—Auxiliary converters for suburban railway and urban rail transit vehicles	English
63	GB/T 43769-2024	Intercity maglev traffic—Fixed installations of medium and low speed maglev—Traction power supply system	English
64	GB/T 43097-2023	Statistical methods for heating operation data	English
65	GB/T 42933-2023	Intermodal loading unit identification	English
66	GB/T 28181-2022	Technical requirements for information transmission, switch and control in video surveillance networking system for public security	English
67	GB/T 43807-2024	Copyright asset management systems—Requirements	English
68	GB/T 30334-2024	Service specification and assessment indicator of logistics parks	English
69	GB/T 28843-2024	Management requirement for traceability in food cold chain logistics	English
70	GB/T 43845-2024	A weak static magnetic field imaging method based on scanning nitrogen-vacancy probe	English
71	GB/T 43737-2024	Terminology for quantum measurement	English
72	GB/T 43784-2024	Characterization and measurement of the performance of single-photon sources	English
73	GB/T 43735-2024	Methods for the preparation of Rydberg atoms for quantum precision measurement	English
74	GB/T 43785-2024	Characterization and measurement of the performance of optical clocks	English

Newly Approved National Standards of P. R. China

No. 28, 2024

State Administration for Market Regulation and National Standardization Administration of China
have approved the following 22 national standards.

2024-11-28

No.	Standard Number	Title	Adopted Standard	Degree of Standard Adoption	Replaced Standard	Implementation Date
1	GB 4396-2024	Carbon dioxide extinguishing agent	ISO 5923:2012	Non-equivalent	GB 4396-2005	2025-12-01
2	GB 4716-2024	Point type heat fire detectors			GB 4716-2005	2025-12-01
3	GB 5908-2024	Flame arrester			GB 5908-2005, GB/T 13347-2010	2025-12-01
4	GB 11984-2024	Technical specification for chlorine safety of chemical industrial enterprises			GB 11984-2008	2025-08-01
5	GB 12358-2024	Gas detection and alarm instruments for workplace—General technical requirements			GB 12358-2006	2025-06-01
6	GB 13600-2024	Safety requirements for rock cavern disposal of radioactive solid waste			GB 13600-1992	2025-01-01
7	GB 15930-2024	Fire dampers for building venting and smoke-venting system			GB 15930-2007	2026-03-01
8	GB 16281-2024	Fire emergency receiving and dispatching system			GB 16281-2010	2025-12-01
9	GB 16809-2024	Fire resistant windows			GB 16809-2008	2025-12-01
10	GB 17681-2024	Technical specification for safety monitoring of major hazard installations for hazardous chemicals			GB 17681-1999	2025-06-01

11	GB 17835-2024	Water based extinguishing agent			GB 17835-2008	2025-12-01
12	GB 19053-2024	Safety limits of pathogenic bacteria for funeral and interment place			GB 19053-2003	2025-12-01
13	GB 19272-2024	Safety for outdoor body-building equipment—General requirements			GB 19272-2011	2025-09-01
14	GB 19578-2024	Fuel consumption limits for passenger cars			GB 19578-2021	2026-01-01
15	GB 19880-2024	Manual fire call points			GB 19880-2005	2025-12-01
16	GB 20031-2024	Foam fire extinguishing equipments			GB 20031-2005	2025-06-01
17	GB 20128-2024	Inert gas extinguishing agent	ISO 14520-12~14520-15:2015	Non-equivalent	GB 20128-2006	2025-12-01
18	GB 21522-2024	Emission standard of coalbed methane/coal mine gas			GB 21522-2008	2025-04-01
19	GB 25972-2024	Gas fire extinguishing systems and components			GB 25972-2010	2025-12-01
20	GB 28263-2024	Regulations of safety management for the civil explosive products' production and sales enterprise			GB 28263-2012, GB 28261-2012	2024-12-01
21	GB 45067-2024	Criteria for major accident potential of special equipment judgment				2024-12-01
22	GB 45069-2024	Cliff swing safety technical requirements				2025-03-01

Newly Approved National Standards of P. R. China

No. 29, 2024

State Administration for Market Regulation and National Standardization Administration of China have approved the following 290 national standards and 4 national standards with amendment.

2024-11-28

No.	Standard Number	Title	Adopted Standard	Degree of Standard Adoption	Replaced Standard	Implementation Date
1	GB/T 1094.7-2024	Power transformers—Part 7: Loading guide for mineral-oil-immersed power transformers	IEC 60076-7:2018	Modified	GB/T 1094.7-2008	2025-06-01
2	GB/T 2424.25-2024	Environmental testing—Part 3: Test guidance—Seismic test methods	IEC 60068-3-3:2019	Modified	GB/T 2424.25-2000	2025-06-01
3	GB/T 2624.5-2024	Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full—Part 5: Cone devices	ISO 5167-5:2022	Identical		2025-06-01
4	GB/T 3260.1-2024	Methods for chemical analysis of tin—Part 1: Determination of copper, lead, zinc, cadmium, silver, nickel and cobalt contents—Flame atomic absorption spectroscopy			GB/T 3260.1-2013, GB/T 3260.10-2013, GB/T 3260.4-2013, GB/T 3260.8-2013	2025-06-01
5	GB/T 4167-2024	Weights	OIML R111-1:2004	Non-equivalent	GB/T 4167-2011	2025-06-01

6	GB/T 4698.29-2024	Methods for chemical analysis of titanium sponge, titanium and titanium alloys—Part 29: Determination of aluminum, carbon, chromium, copper, iron, manganese, molybdenum, nickel, silicon, tin, vanadium and zirconium contents—Spark atomic emission spectrometry				2025-06-01
7	GB/T 4740-2024	Test method for strength of ceramic materials			GB/T 4740-1999, GB/T 4741-1999	2025-06-01
8	GB/T 5483-2024	Natural gypsum			GB/T 5483-2008	2025-06-01
9	GB/T 5506.2-2024	Wheat and wheat flour—Gluten content—Part 2: Determination of wet gluten and gluten index by mechanical means	ISO 21415-2:2015	Modified	GB/T 5506.2-2008	2025-06-01
10	GB/T 6822-2024	Anti-fouling and anti-corrosive paint systems on ship hulls			GB/T 6822-2014	2025-06-01
11	GB/T 8232-2024	Millet in husk			GB/T 8232-2008	2025-06-01
12	GB/T 8607-2024	Specified wheat flour			GB/T 8607-1988, GB/T 8608-1988	2025-12-01
13	GB/T 9489-2024	Methods for chemical analysis of alundum powder			GB/T 9489-2008	2025-06-01
14	GB/T 9755-2024	Synthetic resin emulsion based wall coatings			GB/T 9755-2014, GB/T 9756-2018	2025-06-01
15	GB/T 10361-2024	Wheat, rye and their flours, durum wheat and durum wheat semolina—Determination of the falling number according to Hagberg-Perten	ISO 3093:2009	Modified	GB/T 10361-2008	2025-06-01
16	GB/T 10781.10-2024	Quality requirements for baijiu—Part 10: Laobaiganxiangxing baijiu			GB/T 20825-2007	2025-12-01
17	GB/T 11067.7-2024	Methods for chemical analysis of silver—Part 7: Determination of gold and palladium content—Inductively coupled plasma emission spectrometry				2025-06-01
18	GB/T 12412-2024	Yak			GB/T 12412-2007	2025-06-01
19	GB/T 12604.14-2024	Non-destructive testing—Terminology—Part 14: Visual testing				2024-11-28

20	GB/T 12690.20-2024	Chemical analysis methods for non-rare earth impurities of rare earth metals and their oxides—Part 20: Determination of minor amounts of fluorine and chlorine in rare earth oxides—Ion chromatography method				2025-06-01
21	GB/T 13208-2024	General quality requirements for canned asparagus			GB/T 13208-2008	2025-12-01
22	GB/T 13523-2024	Copper red glaze porcelain			GB/T 13523-1992	2025-06-01
23	GB/T 14404-2024	Plate shear—Testing of the accuracy			GB/T 14404-2011	2025-06-01
24	GB/T 14441-2024	Terminology for the safety of coating operations			GB/T 14441-2008	2025-06-01
25	GB/T 15268-2024	Mulberry silkworm fresh cocoons			GB/T 15268-2008	2025-06-01
26	GB/T 15316-2024	General principles for energy saving monitoring and testing techniques			GB/T 15316-2009	2025-06-01
27	GB/T 15566.2-2024	Public information guidance systems—Setting principles and requirements—Part 2: Airport			GB/T 15566.2-2007	2025-03-01
28	GB/T 15604-2024	Terminology for dust explosion prevention and protection			GB/T 15604-2008	2025-06-01
29	GB/T 15969.2-2024	Programmable controllers—Part 2: Equipment requirements and tests	IEC 61131-2:2017	Identical	GB/T 15969.2-2008	2025-06-01
30	GB/T 15972.33-2024	Specifications for optical fibre test methods—Part 33: Measurement methods and test procedures for mechanical characteristics—Stress corrosion susceptibility	IEC 60793-1-33:2017	Modified	GB/T 15972.33-2008	2025-03-01
31	GB/T 15972.40-2024	Specifications for optical fibre test methods—Part 40: Measurement methods and test procedures for transmission characteristics—Attenuation	IEC 60793-1-40:2019	Modified	GB/T 15972.40-2008	2025-03-01
32	GB/T 16254-2024	Mohair			GB/T 16254-2008	2025-06-01
33	GB/T 16605-2024	Regenerated cellulose filament fabrics			GB/T 16605-2008	2026-12-01
34	GB/T 17145-2024	Guidelines for recycling of used mineral oil			GB/T 17145-1997	2024-11-28

35	GB/T 17626.36-2024	Electromagnetic compatibility—Testing and measurement techniques—Part 36: Intentional electromagnetic interference immunity test methods for equipment and systems	IEC 61000-4-36:2020	Identical		2025-06-01
36	GB/T 17817-2024	Determination of vitamin A in feeds—High performance liquid chromatography			GB/T 17817-2010	2025-06-01
37	GB/T 18281.1-2024	Sterilization of health care products—Biological indicators—Part 1: General requirements	ISO 11138-1:2017	Identical	GB 18281.1-2015	2025-12-01
38	GB/T 18281.2-2024	Sterilization of health care products—Biological indicators—Part 2: Biological indicators for ethylene oxide sterilization processes	ISO 11138-2:2017	Identical	GB 18281.2-2015	2025-12-01
39	GB/T 18281.3-2024	Sterilization of health care products—Biological indicators—Part 3: Biological indicators for moist heat sterilization processes	ISO 11138-3:2017	Identical	GB 18281.3-2015	2025-12-01
40	GB/T 18281.4-2024	Sterilization of health care products—Biological indicators—Part 4: Biological indicators for dry heat sterilization processes	ISO 11138-4:2017	Identical	GB 18281.4-2015	2025-12-01
41	GB/T 18281.5-2024	Sterilization of health care products—Biological indicators—Part 5: Biological indicators for low-temperature steam and formaldehyde sterilization processes	ISO 11138-5:2017	Identical	GB 18281.5-2015	2025-12-01
42	GB/T 18281.8-2024	Sterilization of health care products—Biological indicators—Part 8: Method for validation of a reduced incubation time for a biological indicator	ISO 11138-8:2021	Identical		2026-06-01
43	GB/T 18375-2024	Prosthetics—Structural testing of lower-limb prostheses—Requirements and test methods	ISO 10328:2016	Modified	GB/T 18375.1-2001, GB/T 18375.2-2001, GB/T 18375.3-2001, GB/T 18375.4-2001, GB/T 18375.5-2004, GB/T 18375.6-2004, GB/T 18375.7-2004, GB/T 18375.8-2004	2025-03-01
44	GB/T 18376.2-2024	Grades of cemented carbide—Part 2: Grades of cemented carbide for rock drilling and engineering			GB/T 18376.2-2014	2025-06-01

45	GB/T 18851.1-2024	Non-destructive testing—Penetrant testing—Part 1: General principles	ISO 3452-1:2021	Identical	GB/T 18851.1-2012	2024-11-28
46	GB/T 18882.4-2024	Chemical analysis methods of mixed rare earth oxide of ion-absorption rare earth ore—Part 4: Determination of iron trioxide content—Inductively coupled plasma atomic emission spectrometry				2025-06-01
47	GB/T 18912-2024	Salt mist corrosion testing of photovoltaic (PV) modules	IEC 61701:2020	Modified	GB/T 18912-2002	2025-03-01
48	GB/T 18916.65-2024	Norm of water intake for industry—Part 65: Beverage				2025-03-01
49	GB/T 19701.1-2024	Implants for surgery—Ultra-high-molecular-weight polyethylene—Part 1: Powder form	ISO 5834-1:2019	Modified	GB/T 19701.1-2016	2025-12-01
50	GB/T 19701.2-2024	Implants for surgery—Ultra-high-molecular-weight polyethylene—Part 2: Moulded forms	ISO 5834-2:2019	Modified	GB/T 19701.2-2016	2025-12-01
51	GB/T 19701.3-2024	Implants for surgery—Ultra-high-molecular-weight polyethylene—Part 3: Accelerated ageing methods	ISO 5834-3:2019	Modified		2025-12-01
52	GB/T 19701.5-2024	Implants for surgery—Ultra-high-molecular-weight polyethylene—Part 5: Morphology assessment method	ISO 5834-5:2019	Modified		2025-12-01
53	GB/T 19799.2-2024	Non-destructive testing—Ultrasonic testing block—Part 2: Calibration block No.2	ISO 7963:2022	Identical	GB/T 19799.2-2012	2024-11-28
54	GB/T 21099.2-2024	Devices and integration in enterprise systems—Function blocks (FB) for process control and electronic device description language (EDDL)—Part 2: Specification of FB concept	IEC 61804-2:2018	Identical	GB/T 21099.2-2015	2025-06-01
55	GB/T 21099.3-2024	Devices and integration in enterprise systems—Function blocks (FB) for process control and electronic device description language (EDDL)—Part 3: EDDL syntax and semantics	IEC 61804-3:2020	Identical	GB/T 21099.3-2018	2025-06-01
56	GB/T 21099.4-2024	Devices and integration in enterprise systems—Function blocks (FB) for process control and electronic device description language (EDDL)—Part 4: EDD interpretation	IEC 61804-4:2020	Identical	GB/T 21099.4-2010	2025-06-01

57	GB/T 21099.5-2024	Devices and integration in enterprise systems—Function blocks (FB) for process control and electronic device description language (EDDL)—Part 5: EDDL Built-in library	IEC 61804-5:2020	Identical		2025-06-01
58	GB/T 21121-2024	Animal and vegetable fats and oils—Determination of oxidative stability (accelerated oxidation test)	ISO 6886:2016	Identical	GB/T 21121-2007	2025-06-01
59	GB/T 21199-2024	Dry toner for laser printer			GB/T 21199-2007, GB/T 21201-2007	2025-06-01
60	GB/T 21200-2024	Toner used in dry dual-component developer for laser printer			GB/T 21200-2007	2025-06-01
61	GB/T 21369-2024	Specification for equipping and managing of measuring instrument of energy in fossil power plants			GB/T 21369-2008	2025-06-01
62	GB/T 21499-2024	Inspection of grain and oils—Determination of the potential milling yield from paddy and from husked rice	ISO 6646:2011	Identical	GB/T 21499-2008	2025-06-01
63	GB/T 21536-2024	Track & field sport shoes			GB 21536-2008	2025-06-01
64	GB/T 22210-2024	Specification for sensory evaluation of meat and meat products			GB/T 22210-2008	2026-06-01
65	GB/T 22330.6-2024	Standard for specified animal disease free zone—Part 6: African horse sickness free zone			GB/T 22330.6-2008	2025-06-01
66	GB/T 22330.11-2024	Standard for specified animal disease free zone—Part 11: Peste des petits ruminants free zone			GB/T 22330.11-2008	2025-06-01
67	GB/T 22369-2024	General quality requirements for canned corn			GB/T 22369-2008	2025-12-01
68	GB/T 22451-2024	Common requirements of electromagnetic compatibility for radio communication equipment			GB/T 22451-2008	2025-06-01
69	GB/T 23025-2024	Integration of informatization and industrialization management systems—Classification and application guidelines for production equipment operation control information models				2025-03-01
70	GB/T 23263-2024	Determination of asbestos in products			GB/T 23263-2009	2025-06-01

71	GB/T 23367.1-2024	Methods for chemical analysis of lithium cobalt oxide—Part 1: Determination of cobalt content—EDTA titration and potentiometric titration			GB/T 23367.1-2009	2025-06-01
72	GB/T 24045-2024	Environmental management—Eco-efficiency assessment of product systems—Principles, requirements and guidelines	ISO 14045:2012	Identical		2024-11-28
73	GB/T 24055.1-2024	Environmental management—Guidelines for establishing good practices for combatting land degradation and desertification—Part 1: Good practices framework	ISO 14055-1:2017	Identical		2024-11-28
74	GB/T 24091-2024	Adaptation to climate change—Guidelines on vulnerability, impacts and risk assessment	ISO 14091:2021	Identical		2024-11-28
75	GB/T 24438.4-2024	Natural disaster information statistics—Part 4: System of statistics forms				2025-03-01
76	GB/T 24823-2024	LED modules for general lighting—Performance specification	IEC 62717:2019	Modified	GB/T 24823-2017	2025-06-01
77	GB/T 24851-2024	Specification for equipping and managing of measuring instrument of energy in building material industry			GB/T 24851-2010	2025-06-01
78	GB/T 25187-2024	Surface chemical analysis—Auger electron spectroscopy—Description of selected instrumental performance parameters	ISO 15471:2016	Identical	GB/T 25187-2010	2025-06-01
79	GB/T 26846-2024	Lead-out wire and connector of motor and controller used for electric bicycles			GB/T 26846-2011	2025-06-01
80	GB/T 26882.1-2024	Grain and oil storage—Monitoring and control system of stored-grain condition—Part 1: General rule			GB/T 26882.1-2011	2025-06-01
81	GB/T 26882.2-2024	Grain and oil storage—Monitoring and control system of stored-grain condition—Part 2: Slave computer			GB/T 26882.2-2011	2025-06-01
82	GB/T 26882.3-2024	Grain and oil storage—Monitoring and control system of stored-grain condition—Part 3: Software			GB/T 26882.3-2011	2025-06-01
83	GB/T 26882.4-2024	Grain and oil storage—Monitoring and control system of stored-grain condition—Part 4: Information exchange interface protocol			GB/T 26882.4-2011	2025-06-01

84	GB/T 27532-2024	Diagnostic techniques for canine distemper			GB/T 27532-2011	2025-06-01
85	GB/T 27621-2024	Diagnostic techniques for equine rhinopneumonitis			GB/T 27621-2011	2025-06-01
86	GB/T 27697-2024	Hydraulic bottle jacks			GB/T 27697-2011	2025-06-01
87	GB/T 27793-2024	Beater addition non-asbestos sealing materials			GB/T 27793-2011	2025-06-01
88	GB/T 27967-2024	Format of road weather forecast			GB/T 27967-2011	2025-03-01
89	GB/T 29389-2024	Technical specification for performance testing of meat-type duck			GB/T 29389-2012	2025-06-01
90	GB/T 29865-2024	Textiles—Tests for colour fastness—Colour fastness to rubbing—Small areas	ISO 105-X16:2016	Modified	GB/T 29865-2013	2026-12-01
91	GB/T 30002-2024	General technical requirements for children's toothbrushes			GB 30002-2013, GB 30003-2013	2025-12-01
92	GB/T 30278-2024	Cybersecurity technology—Government client computer core configuration specifications			GB/T 30278-2013, GB/T 35283-2017	2025-06-01
93	GB/T 30416-2024	Specifications for the after-sales repair service of clocks and watches			GB/T 30416-2013	2025-06-01
94	GB/T 31015-2024	Public information guidance systems—Design and setting principles and requirements for the consideration of accessible needs			GB/T 31015-2014	2025-03-01
95	GB/T 31126.2-2024	Textiles—Determination of perfluorinated and polyfluorinated compounds—Part 2: Gas chromatography-mass spectrometry method				2025-06-01
96	GB/T 31771-2024	Housekeeping service—Specification for quality of maternal and infant care services			GB/T 31771-2015	2025-03-01
97	GB/T 31900-2024	Woven children's clothing			GB/T 31900-2015	2026-12-01
98	GB/T 31901-2024	Code of practice for garment evaluation by wearer trials			GB/T 31901-2015	2026-12-01
99	GB/T 32000-2024	Guidelines for the construction of beautiful and livable villages			GB/T 32000-2015	2025-03-01
100	GB/T 32440.2-2024	Footwear—Chemical tests—Determination of phthalate—Part 2: Without solvent extraction	ISO 16181-2:2021	Modified		2025-06-01

101	GB/T 33130-2024	Specification for the assessment of well-facilitated farmland construction			GB/T 33130-2016	2025-06-01
102	GB/T 33761-2024	General principles for green product assessment			GB/T 33761-2017	2024-11-28
103	GB/T 34430.4-2024	Ships and marine technology—Protective coatings and inspection method—Part 4: Automated measuring method for the total amount of water-soluble salts	ISO 16145-4:2013	Identical		2025-03-01
104	GB/T 35132.1-2024	Automation systems and integration—Evaluating energy efficiency and other factors of manufacturing systems that influence the environment—Part 1: Overview and general principles	ISO 20140-1:2019	Identical	GB/T 35132.1-2017	2025-06-01
105	GB/T 35150.5-2024	Technical requirements of dry process cement production complete equipment—Part 5: Dedusting system				2025-06-01
106	GB/T 35150.6-2024	Technical requirements of dry process cement production complete equipment—Part 6: Desulphurization system				2025-06-01
107	GB/T 35150.7-2024	Technical requirements of dry process cement production complete equipment—Part 7: Denitration system				2025-06-01
108	GB/T 35270-2024	Baby carriers			GB/T 35270-2017	2026-12-01
109	GB/T 35601-2024	Green product assessment—Wood-based panels and wooden flooring			GB/T 35601-2017	2025-06-01
110	GB/T 36732-2024	Specification for the construction and service of ecological recreation and health cultivation base			GB/T 36732-2018	2024-11-28
111	GB/T 39141.4-2024	Mineral and sapphire watch-glasses—Part 4: Anti-reflective treatment	ISO 14368-4:2020	Identical		2025-06-01
112	GB/T 39733-2024	Recycling iron-steel materials			GB/T 39733-2020	2025-06-01
113	GB/T 40064-2024	Guidelines for assessment of energy saving technologies			GB/T 40064-2021	2025-06-01
114	GB/T 41869.3-2024	Optics and photonics—Microlens arrays—Part 3: Test methods for optical properties	ISO 14880-3:2006	Modified		2025-06-01
115	GB/T 41869.4-2024	Optics and photonics—Microlens arrays—Part 4: Test methods for geometrical properties	ISO 14880-4:2006	Modified		2025-03-01

116	GB/T 42125.2-2024	Safety requirements for electrical equipment for measurement, control and laboratory use—Part 2: Particular requirements for laboratory equipment for the heating of materials	IEC 61010-2-010:2019	Identical	GB 4793.6-2008	2026-12-01
117	GB/T 42125.5-2024	Safety requirements for electrical equipment for measurement, control and laboratory use—Part 5: Particular requirements for laboratory centrifuges	IEC 61010-2-020:2016	Identical	GB 4793.7-2008	2026-12-01
118	GB/T 42125.17-2024	Safety requirements for electrical equipment for measurement, control, and laboratory use—Part 17: Particular requirements for equipment intended to be used in educational establishments by children	IEC 61010-2-130:2021	Identical		2025-12-01
119	GB/T 42125.18-2024	Safety requirements for electrical equipment for measurement, control and laboratory use—Part 18: Particular requirements for control equipment	IEC 61010-2-201:2017	Identical		2025-12-01
120	GB/T 42596.2-2024	Machine tools safety—Presses—Part 2: Safety requirements for mechanical presses	ISO 16092-2:2019	Modified		2025-06-01
121	GB/T 42596.4-2024	Machine tools safety—Presses—Part 4: Safety requirements for pneumatic presses	ISO 16092-4:2019	Modified		2024-11-28
122	GB/T 44473-2024	LED lamps, LED luminaires and LED modules for horticulture lighting—Performance specifications				2025-06-01
123	GB/T 44835-2024	Textiles—Determination of chlorinated organic solvents				2025-06-01
124	GB/T 44836-2024	Textiles—Determination of glyphosate and its salts				2025-06-01
125	GB/T 44837-2024	Green product assessment—Stationery				2025-06-01
126	GB/T 44838-2024	Green product assessment—Apparel and accessories for leather and fur				2025-06-01
127	GB/T 44854-2024	Requirements for equipment and management of energy measuring instruments in logistics service provider				2025-06-01
128	GB/T 44855-2024	Management specification for water conservation of cooling towers				2025-03-01

129	GB/T 44867-2024	Green product assessment—Footwear products				2025-06-01
130	GB/T 44868-2024	Green product assessment—Electric toys				2025-06-01
131	GB/T 44869-2024	Specification for green packaging of toys and child use and care articles				2025-12-01
132	GB/T 44870-2024	Terminology, classification and model compilation method for complete sets of equipment for fiber carbonization production				2025-06-01
133	GB/T 44871-2024	Textiles—Determination of the diisocyanate compounds				2025-06-01
134	GB/T 44872-2024	General technical requirements for appearance of textile products after cleansing				2025-06-01
135	GB/T 44873-2024	Product traceability—Rules and requirements for traceability coding				2025-06-01
136	GB/T 44878-2024	Frozen soil observation—Frequency domain reflection method				2025-03-01
137	GB/T 44879-2024	Identification requirements of engineering machinery products based on OID				2025-06-01
138	GB/T 44880-2024	Cause and effect matrix	IEC 62881:2018	Identical		2025-06-01
139	GB/T 44882-2024	Information technology—Closed captioning				2025-06-01
140	GB/T 44883-2024	Energy efficiency control system in process production—Design requirements				2025-06-01
141	GB/T 44884-2024	Technical requirements for secure user plane location service—Platform				2025-03-01
142	GB/T 44885-2024	Financial information technology—Audit data interface of the rural revitalization				2025-06-01
143	GB/T 44886.1-2024	Cybersecurity technology—Cybersecurity product interconnectivity—Part 1: Framework				2025-06-01
144	GB/T 44887.5-2024	IPv6 evolution technical requirements—Part 5: SRv6-based VPN				2025-03-01
145	GB/T 44887.10-2024	IPv6 evolution technical requirements—Part 10: enhanced VPN (VPN+) for supporting IP network slicing				2025-03-01

146	GB/T 44887.11-2024	IPv6 evolution technical requirements—Part 11: IPv6 in-situ flow information telemetry				2025-03-01
147	GB/T 44888-2024	Guideline for intelligent construction of administrative service hall				2025-12-01
148	GB/T 44889-2024	Guidance for statistics for operating costs of government offices				2024-11-28
149	GB/T 44890-2024	Specification for administrative license				2025-06-01
150	GB/T 44891-2024	Specifications for the data service platform construction of the unified social credit identifier for legal entities and other organizations				2024-11-28
151	GB/T 44909-2024	Additive manufacturing—Technical requirements for product data protection of cloud service platform				2024-11-28
152	GB/T 44910-2024	Amber grading				2025-06-01
153	GB/T 44911-2024	Aircraft equipment—Environmental and operating conditions for airborne equipment—Humidity, temperature and pressure tests	ISO 9662:1994	Modified		2025-06-01
154	GB/T 44912-2024	Aircraft—Fire-resisting electrical cables—Dimensions, conductor resistance and mass	ISO 1967:1974	Identical		2025-06-01
155	GB/T 44913-2024	Filled monocrystal gemstones—Identification and classification				2025-06-01
156	GB/T 44914-2024	Hetianyu grading				2025-06-01
157	GB/T 44915-2024	Technical specification at the project level for assessment of greenhouse gas emission reductions—Greenhouse gas and wastewater treatment and waste recycle				2025-06-01
158	GB/T 44916-2024	Ships and marine technology—Gate valves for use in low temperature applications—Design and testing requirements	ISO 19037:2019	Identical		2025-03-01
159	GB/T 44918-2024	Management specification for water conservation of urban water supply institutions				2025-03-01
160	GB/T 44919-2024	Micro-electromechanical systems (MEMS) technology—Bulge test method for measuring mechanical properties of thin films	IEC 62047-17:2015	Identical		2024-11-28

161	GB/T 44920-2024	Spinning process of large-curved tank bottom—Technological specification				2025-06-01
162	GB/T 44921-2024	Casting—Industrial computer radiographic testing				2025-06-01
163	GB/T 44922-2024	Additive manufacturing—Qualification principles—Qualifying machine operators of laser metal powder bed fusion machines and equipment used in aerospace applications	ISO/ASTM 52942:2020	Modified		2024-11-28
164	GB/T 44936.1-2024	Graphical symbols for communication support of the elderly—Part 1: Design principles				2025-03-01
165	GB/T 44939-2024	Guidelines for quality grading of consumer products—Footwear				2025-06-01
166	GB/T 44940-2024	Footwear and footwear components—Qualitative test method to assess antifungal activity (growth test)	ISO 19574:2022	Modified		2025-06-01
167	GB/T 44941-2024	Terminology for horticulture lighting				2024-11-28
168	GB/T 44942-2024	Footwear—Test method for insoles and insocks—Dimensional change after cycle of wetting and drying	ISO 20535:2019	Modified		2025-06-01
169	GB/T 44943-2024	Footwear—Chemical tests—Determination of the content of ortho-phenylphenol—HPLC-MS/MS				2025-06-01
170	GB/T 44944-2024	Footwear and footwear components—Quantitative challenge test method to assess antifungal activity	ISO 20150:2019	Modified		2025-06-01
171	GB/T 44945-2024	Textiles—Quantitative chemical analysis—Mixtures of mulberry silk and tussah silk				2025-06-01
172	GB/T 44947-2024	Condition monitoring and diagnostics of machines—Approaches for performance diagnosis	ISO 18129:2015	Identical		2025-06-01
173	GB/T 44948-2024	Sampling requirements and assessment for metal streamline of steel die forging parts				2025-06-01
174	GB/T 44949-2024	Intelligent hot stamping production line				2024-11-28
175	GB/T 44950-2024	Grade of sea fog warning				2025-03-01
176	GB/T 44951-2024	V50 test methods for ballistic materials and products				2025-03-01

177	GB/T 44952-2024	Technical requirements for ground electric field monitoring				2025-03-01
178	GB/T 44953-2024	Technical specification for lightning disaster investigation				2025-03-01
179	GB/T 44954-2024	Technical specification for lightning disaster prevention in mountain areas				2025-03-01
180	GB/T 44955-2024	Climate prediction verification—El Nino/La Nina				2025-03-01
181	GB/T 44956-2024	Weather forecast verification—Precipitation and air temperature forecast				2025-03-01
182	GB/T 44957-2024	Technical specification for lightning protection of weather modification operating spots				2025-03-01
183	GB/T 44958-2024	Management specification for safety of chemical plant equipment				2025-06-01
184	GB/T 44959.1-2024	Forensic sciences—Part 1: Terms and definitions	ISO 21043-1:2018	Identical		2025-03-01
185	GB/T 44959.2-2024	Forensic sciences—Part 2: Recognition, recording, collecting, transport and storage of items	ISO 21043-2:2018	Identical		2025-03-01
186	GB/T 44960-2024	Terminology for special police equipment				2025-06-01
187	GB/T 44961-2024	Meteorological services guidelines for events—Weather modification				2024-11-28
188	GB/T 44962-2024	Grain and oil machinery—Wheat debranner				2025-06-01
189	GB/T 44963-2024	Technical specification for moisture retention in grain storage				2025-06-01
190	GB/T 44964-2024	Technical specification for performance testing of egg-type chicken				2025-06-01
191	GB/T 44965-2024	Determination of β -apo-8'-carotenoic acid ethyl ester in feeds—High performance liquid chromatography				2025-06-01
192	GB/T 44966-2024	Determination of the content of fatty acid ethyl esters in olive oil—Gas chromatography-mass spectrometry				2025-06-01
193	GB/T 44967-2024	General rule of feed enzyme preparation				2025-06-01
194	GB/T 44968-2024	Grain storage—Technical specification for wheat flour storage				2025-06-01

195	GB/T 44969-2024	Metal ions removal in water soluble extracts of agricultural products—Ion exchange method				2025-06-01
196	GB/T 44970-2024	Grain and oil machinery—Air cushion belt conveyor				2025-06-01
197	GB/T 44971-2024	Soil selenium grade				2025-03-01
198	GB/T 44972-2024	Requirements and evaluation specification for snow sport event				2025-06-01
199	GB/T 44973-2024	Requirements and evaluation specification for ice sport event				2025-06-01
200	GB/T 44974-2024	Technical measures to trade—Vocabulary				2025-06-01
201	GB/T 44975-2024	Technical measures to trade—Requirements for notification				2025-06-01
202	GB/T 44976-2024	Technical measures to trade—Guidelines for commenting				2025-06-01
203	GB/T 44977-2024	Specification for security of positioning service terminal of reference stations using global navigation satellite system				2025-06-01
204	GB/T 44978-2024	Smart community infrastructures—Smart transportation for rapid transit in and between cities and urban agglomerations	ISO 37159:2019	Modified		2024-11-28
205	GB/T 44979-2024	Smart community infrastructures—Smart transportation for compact cities	ISO 37157:2018	Modified		2024-11-28
206	GB/T 44981-2024	Packaged rice production line				2025-06-01
207	GB/T 44982-2024	Green product assessment—Domestic ceramic				2025-06-01
208	GB/T 44983-2024	Meat food machinery—Terminology				2025-06-01
209	GB/T 44984-2024	Determination of L-(+)-glutamic acid content in meat and meat products	ISO 4134:2021	Identical		2026-06-01
210	GB/T 44986-2024	Turbine compressors for natural gas transmission plant				2024-11-28
211	GB/T 44987-2024	Digital workshop—General requirements for planar buffer storage system				2025-06-01

212	GB/T 44988-2024	On-line monitoring requirements for process industry safety instrumented systems				2025-06-01
213	GB/T 44989-2024	Evaluation for green data center				2025-06-01
214	GB/T 44990-2024	Test method for interface bonding strength of coating by laser cladding repairing				2025-06-01
215	GB/T 44995-2024	Polypropylene packaging container—Guidelines for the construction of initial screening testing methods for doped with recycled plastic				2025-06-01
216	GB/T 44996-2024	General technical requirements for bag forming, dosing and sealing machine of edible salt				2025-06-01
217	GB/T 44997-2024	General technical requirements for linear aseptic filling capping machine				2025-06-01
218	GB/T 44998-2024	Determination of nitrates and nitrites in surfactants—Ion chromatography method				2025-06-01
219	GB/T 44999-2024	Determination of phosphorus content in detergents—Inductively coupled plasma mass spectrometry				2025-06-01
220	GB/T 45000-2024	Surface active agents—Determination of components of sucrose fatty acid esters—Liquid chromatography				2025-06-01
221	GB/T 45002-2024	Method for determining water retention of cement mortar				2025-06-01
222	GB/T 45004-2024	Evaluation guide for low-carbon enterprises in iron and steel industry				2025-06-01
223	GB/T 45005-2024	Core rules for environmental product declarations of construction products and services	ISO 21930:2017	Identical		2025-06-01
224	GB/T 45006-2024	Pultruded fiber reinforced polymer composite planks for wind turbine blades				2025-06-01
225	GB/T 45008-2024	Rare earth thermal barrier coating material—Gadolinium yttrium zirconate powder				2025-06-01
226	GB/T 45009-2024	Rare earth environmental barrier coating material—Ytterbium silicate powder				2025-06-01
227	GB/T 45010-2024	Homogeneous electrodialysis membrane				2025-06-01
228	GB/T 45011-2024	Test method for impact failure of fiber reinforced polymer matrix composites				2025-06-01

229	GB/T 45012-2024	Thermal insulating products for industrial installations—Determination of the coefficient of linear thermal expansion at sub-ambient temperatures	ISO 23766:2022	Identical		2025-06-01
230	GB/T 45013-2024	Test method for thermal fatigue of fine ceramics substrate	ISO 17841:2015	Modified		2025-06-01
231	GB/T 45014-2024	Test method for pull-through resistance of fasteners of polymer matrix composite laminates				2025-06-01
232	GB/T 45015-2024	Technical specifications for comprehensive utilization of titanium gypsum				2025-06-01
233	GB/T 45016-2024	Test methods for mechanical automatic tensioner of accessory belt drive system of engine				2025-06-01
234	GB/T 45017-2024	Test method for mechanical stability of superhydrophobic surfaces				2025-06-01
235	GB/T 45018-2024	Tires intelligent manufacturing—Data dictionary				2025-06-01
236	GB/T 45019-2024	Basalt fiber modified asphalt mixture for road engineering				2025-06-01
237	GB/T 45020-2024	Methods for chemical analysis of niobium hafnium alloys—Determination of trace impurity elements content—Inductively coupled plasma mass spectrometry				2025-06-01
238	GB/T 45023-2024	Automation systems and integration—Measuring methods for CAN bus controller				2025-06-01
239	GB/T 45024-2024	Evaluation requirements of cloud manufacturing service				2025-06-01
240	GB/T 45032-2024	Smart city—Knowledge trustworthiness evaluation framework for city governance				2025-06-01
241	GB/T 45033-2024	Determination of <i>Candida utilis</i> in microbial feed additives				2025-06-01
242	GB/T 45034-2024	Technical requirements for cotton-based alternate intercropping				2025-06-01
243	GB/T 45035-2024	Technical requirements of cotton cultivation for concentrative maturation				2025-06-01
244	GB/T 45036-2024	Inspection of grain and oils—Technical specification for sample information collection				2025-06-01

245	GB/T 45037-2024	Grain and oil machinery— Grain scraper				2025-06-01
246	GB/T 45038-2024	Directives for comprehensive utilization of gramineous grass				2025-06-01
247	GB/T 45039-2024	Terminology of deer farming				2025-06-01
248	GB/T 45045-2024	Determination of 13 restricted fragrance substances in fragrance compound— Gas chromatography-mass spectrometry method				2025-06-01
249	GB/T 45046-2024	Earth-moving machinery— Battery electric hydraulic excavators—Technical requirements				2025-06-01
250	GB/T 45047-2024	Earth-moving machinery— Battery electric wheel loaders—Technical requirements				2025-06-01
251	GB/T 45048-2024	Earth-moving machinery— Battery electric non-road wide-body dumpers— Technical requirements				2025-06-01
252	GB/T 45051-2024	Earth-moving machinery— Battery electric non-road mining dumpers—Technical requirements				2025-06-01
253	GB/T 45053-2024	Turbine compressors for ethylene plant				2024-11-28
254	GB/T 45055-2024	Turbine compressors for large air separation plant				2024-11-28
255	GB/T 45056-2024	Recycling materials for lithium				2025-06-01
256	GB/T 45057-2024	Recycling titanium ingots				2025-06-01
257	GB/T 45070-2024	Specification of take-back on waste electrical and electronic product				2025-06-01
258	GB/T 45071-2024	Classification and gradation of protected areas				2024-11-28
259	GB/T 45072-2024	Protected areas terminology				2024-11-28
260	GB/T 45073-2024	National park signage				2024-11-28
261	GB/T 45074-2024	Specification for management of public institutions waste goods recycling systems				2025-06-01

262	GB/T 45075-2024	General specification for echelon use of decommissioning photovoltaic modules				2025-06-01
263	GB/T 45076-2024	Specification for construction of recyclable resources trading platform				2025-06-01
264	GB/T 45077-2024	Guidelines for national park project construction				2024-11-28
265	GB/T 45078-2024	Guidelines for construction of gateway community of national park				2024-11-28
266	GB/T 45079-2024	Artificial intelligence—Technical specification for deep learning framework adaption to multi-hardware platform				2024-11-28
267	GB/T 45080-2024	Specification for construction of trading platform for reused parts of end-of-life vehicles				2025-06-01
268	GB/T 45081-2024	Artificial intelligence—Management system	ISO/IEC 42001:2023	Identical		2024-11-28
269	GB/T 45082-2024	Internet of things—General technical requirements for ubiquitous-terminal operating system				2025-06-01
270	GB/T 45083-2024	Specification for construction and management of recyclable resources sorting center				2025-06-01
271	GB/T 45084-2024	Technical specification for trading and traceability of reused and remanufactured parts of end-of-life vehicles				2025-06-01
272	GB/T 45085-2024	Specification for network information evidence preservation of recyclable resources recovery				2025-06-01
273	GB/T 45086.1-2024	Technical requirements and test methods for on-board positioning system—Part 1: Satellite positioning				2025-06-01
274	GB/T 45087-2024	Artificial intelligence—Performance testing methods for server systems				2024-11-28
275	GB/T 45088-2024	Code of practice for forest tree harvesting				2024-11-28
276	GB/T 45089-2024	Specification for home care service of 0-3 year old infants				2025-03-01
277	GB/T 45090-2024	Plastics—Identification and marking of recycled plastic				2025-06-01
278	GB/T 45091-2024	Plastics—Limits for restricted substances of recycled plastics				2025-06-01

279	GB/T 45092-2024	Testing and evaluation of electrodes performance for hydrogen production by water electrolysis				2025-03-01
280	GB/T 45094-2024	Earth-moving machinery—Hybrid electric wheel loaders				2025-06-01
281	GB/T 45095-2024	Earth-moving machinery—Hybrid electric hydraulic excavators				2025-06-01
282	GB/T 45096-2024	Evaluation indicators for urban green freight distribution				2025-03-01
283	GB/T 45097.1-2024	Safety of intelligent consumer product—Part 1: Hazard identification				2024-11-28
284	GB/T 45097.2-2024	Safety of intelligent consumer product—Part 2: Risk assessment				2024-11-28
285	GB/T 45097.3-2024	Safety of intelligent consumer product—Part 3: Risk control				2024-11-28
286	GB/T 45098-2024	Technology requirements for battery swap service of commercial pure electric vehicles				2025-03-01
287	GB/T 45099-2024	Technical requirements for completion and acceptance of traction battery maintenance				2025-03-01
288	GB/T 45108-2024	Recycling materials for platinum group metals				2025-06-01
289	GB/Z 17626.1-2024	Electromagnetic compatibility—Testing and measurement techniques—Part 1: Overview of immunity tests	IEC TR 61000-4-1:2016	Identical	GB/T 17626.1-2006	2025-06-01
290	GB/Z 44946-2024	Hydraulic fluid power—Filter element test methods—Service life evaluation				2025-06-01
291	GB/T 1596-2017 (Amendment)	Fly ash used for cement and concrete			GB/T 1596-2005	2025-06-01
292	GB/T 10786-2022 (Amendment)	Test methods of canned foods			GB/T 10786-2006	2024-11-28
293	GB/T 19585-2008 (Amendment)	Product of geographical indication—Turpan grape			GB 19585-2004	2024-11-28
294	GB/T 41900-2022 (Amendment)	Code for canned foods				2024-11-28

Newly Approved National Standards of P. R. China

No. 32, 2024

State Administration for Market Regulation and National Standardization Administration of China
have approved the following 243 national standards.

2024-12-31

No.	Standard Number	Title	Adopted Standard	Degree of Standard Adoption	Replaced Standard	Implementation Date
1	GB/T 534-2024	Sulphuric acid for industrial use			GB/T 534-2014	2025-07-01
2	GB/T 1346-2024	Test methods for water requirement of standard consistency, setting time and soundness of the portland cement	ISO 9597:2008	Non-equivalent	GB/T 1346-2011	2025-07-01
3	GB/T 1632.1-2024	Plastics—Determination of the viscosity of polymers in dilute solution using capillary viscometers—Part 1: General principles	ISO 1628-1:2021	Modified	GB/T 1632.1-2008	2025-07-01
4	GB/T 2812-2024	Head protection—General test methods			GB/T 2812-2006	2025-07-01
5	GB/T 3903.6-2024	Footwear—Test methods for whole shoe—Slip resistance performance			GB/T 3903.6-2017	2025-07-01
6	GB/T 3920-2024	Textiles—Tests for colour fastness—Colour fastness to rubbing	ISO 105-X12:2016	Modified	GB/T 3920-2008	2027-01-01
7	GB/T 4130.2-2024	Acoustics—Calibration of hydrophones—Part 2: Procedures for low frequency pressure calibration	IEC 60565-2:2019	Identical	GB/T 4130-2017	2025-07-01
8	GB/T 4213-2024	Pneumatic control valves			GB/T 4213-2008	2025-07-01
9	GB/T 6075.6-2024	Mechanical vibration—Evaluation of machine vibration by measurements on non-rotating parts—Part 6: Reciprocating machines with power ratings above 100 kW	ISO 10816-6:1995	Identical	GB/T 6075.6-2002	2025-07-01

10	GB/T 7019-2024	Test methods for fiber cement products			GB/T 7019-2014	2025-07-01
11	GB/T 8588-2024	Fundamental terms of fishery resource sciences			GB/T 8588-2001	2025-07-01
12	GB/T 8897.6-2024	Primary batteries—Part 6: Guidance on environmental aspects	IEC 60086-6:2020	Non-equivalent		2026-01-01
13	GB/T 9008-2024	Terms for liquid chromatography			GB/T 9008-2007	2025-07-01
14	GB/T 10816-2024	Zisha ware			GB/T 10816-2008	2025-07-01
15	GB/T 12357.1-2024	Multimode optical fibres for telecommunication—Part 1: Sectional specification for category A1 multimode fibres	IEC 60793-2-10:2022	Modified	GB/T 12357.1-2015	2025-04-01
16	GB/T 12417.1-2024	Non-active surgical implants—Osteosynthesis and joint replacement implants—Part 1: Particular requirements for osteosynthesis implants	ISO 14602:2010	Modified	GB/T 12417.1-2008	2026-01-01
17	GB/T 12540-2024	Minimum turning circle diameter, turning clearance circle and swing-out value test method for motor vehicles and combination of vehicles			GB/T 12540-2009	2025-04-01
18	GB/T 13522-2024	Bone china			GB/T 13522-2008	2025-07-01
19	GB/T 14124-2024	Mechanical vibration and shock—Vibration of fixed structures—Guidelines for the measurement of vibrations and evaluation of their effects on structures	ISO 4866:2010	Identical	GB/T 14124-2009	2025-07-01
20	GB/T 15561-2024	Digital indication rail-weighbridges	OIML R76-1:2006	Non-equivalent	GB/T 15561-2008	2025-07-01
21	GB/T 16895.3-2024	Low-voltage electrical installations—Part 5-54: Selection and erection of electrical equipment—Earthing arrangements and protective conductors	IEC 60364-5-54:2021	Identical	GB/T 16895.3-2017	2025-07-01
22	GB/T 17350-2024	Classification, name and model compilation method for special motor vehicles and special trailers			GB/T 17350-2009	2026-01-01
23	GB/T 17925-2024	Practice for X-ray digital radioscopic examination of cylinder weld			GB/T 17925-2011	2025-07-01
24	GB/T 18029.32-2024	Wheelchairs—Part 32: Test method for wheelchair castor assembly durability	ISO 7176-32:2022	Identical		2025-04-01

25	GB/T 18109-2024	Frozen finfish	CODEX STAN 36—1981, Rev.2—2017	Modified	GB/T 18109-2011	2025-07-01
26	GB/T 18216.11-2024	Electrical safety in low voltage distribution systems up to 1000 V AC and 1500 V DC—Equipment for testing, measuring or monitoring of protective measures—Part 11: Effectiveness of residual current monitors (RCM) in TT, TN and IT systems	IEC 61557-11:2020	Identical		2025-07-01
27	GB/T 18299-2024	Automotive LPG steel cylinder multivalve			GB/T 18299-2001	2025-04-01
28	GB/T 18487.5-2024	Electric vehicle conductive charging system—Part 5: DC charging system for GB/T 20234.3				2024-12-31
29	GB/T 18649-2024	Diagnostic techniques for contagious bovine pleuropneumonia			GB/T 18649-2014	2025-07-01
30	GB/T 18737.5-2024	Textile machinery and accessories—Beams for winding—Part 5: Sectional beams for warp knitting machines	ISO 8116-5:2008	Modified		2025-07-01
31	GB/T 18851.2-2024	Non-destructive testing—Penetrant testing—Part 2: Testing of penetrating materials	ISO 3452-2:2021	Modified	GB/T 18851.2-2008	2024-12-31
32	GB/T 18892-2024	Environmental protect requirements of copying machines—Energy saving requirements for copiers and multi-function devices			GB/T 18892-2002	2025-07-01
33	GB/T 18978.20-2024	Ergonomics of human-system interaction—Part 20: An ergonomic approach to accessible design	ISO 9241-20:2021	Modified		2025-07-01
34	GB/T 18978.171-2024	Ergonomics of human-system interaction—Part 171: Guidance on software accessible design	ISO 9241-171:2008	Identical		2025-07-01
35	GB/T 19048-2024	Quality requirements for product of geographical indication—Longkou vermicelli			GB/T 19048-2008	2024-12-31
36	GB/T 19088-2024	Quality requirements for product of geographical indication—Jinhua ham			GB/T 19088-2008	2024-12-31
37	GB/T 19183.1-2024	Mechanical structures for electrical and electronic equipment—Outdoor enclosures—Part 1: Design guidelines	IEC 61969-1:2023	Identical	GB/T 19183.1-2003	2025-07-01
38	GB/T 19183.2-2024	Mechanical structures for electrical and electronic equipment—Outdoor enclosures—Part 2: Coordination dimensions	IEC 61969-2:2011	Identical	GB/T 19183.2-2003	2025-07-01

39	GB/T 19183.5-2024	Mechanical structures for electrical and electronic equipment—Outdoor enclosures—Part 3: Environmental requirements, tests and safety aspects	IEC 61969-3:2023	Identical	GB/T 19183.5-2003	2025-07-01
40	GB/T 19266-2024	Quality requirements for product of geographical indication—Wuchang rice			GB/T 19266-2008	2024-12-31
41	GB/T 20032-2024	Managing risk in projects—Application guidelines	IEC 62198:2013	Modified	GB/T 20032-2005	2024-12-31
42	GB/T 20042.5-2024	Proton exchange membrane fuel cell—Part 5: Test method for membrane electrode assembly			GB/T 20042.5-2009	2025-07-01
43	GB/T 20042.7-2024	Proton exchange membrane fuel cells—Part 7: Test method of carbon paper properties			GB/T 20042.7-2014	2025-07-01
44	GB/T 20717-2024	Road vehicles—Connectors for the electrical connection of towing and towed vehicles (15-pole)—15-pole connector for vehicles with 24 V nominal supply voltage	ISO 12098:2020	Identical	GB/T 20717-2006	2025-07-01
45	GB/T 20991-2024	Foot protection—Test methods for footwear	ISO 20344:2021	Modified	GB/T 20991-2007	2026-01-01
46	GB/T 21044-2024	Chinese soft-shelled turtle			GB/T 21044-2007	2025-07-01
47	GB/T 21478-2024	Ships and marine technology—Marine environment protection—Vocabulary relating to oil spill response	ISO 16165:2020	Identical	GB/T 21478-2016	2025-07-01
48	GB/T 21551.1-2024	Antimicrobial and cleaning function of household and similar electrical appliances—Part 1: General requirement			GB 21551.1-2008	2027-01-01
49	GB/T 21551.2-2024	Antimicrobial and cleaning function of household and similar electrical appliances—Part 2: Particular requirements for material			GB 21551.2-2010	2027-01-01
50	GB/T 21551.3-2024	Antimicrobial and cleaning function of household and similar electrical appliances—Part 3: Particular requirements for air cleaner			GB 21551.3-2010	2027-01-01
51	GB/T 21551.4-2024	Antimicrobial and cleaning function of household and similar electrical appliances—Part 4: Particular requirements for refrigerator			GB 21551.4-2010	2027-01-01
52	GB/T 21551.5-2024	Antimicrobial and cleaning function of household and similar electrical appliances—Part 5: Particular requirements for electric washing machine			GB 21551.5-2010	2027-01-01

53	GB/T 21551.6-2024	Antimicrobial and cleaning function of household and similar electrical appliances—Part 6: Particular requirements for air conditioner			GB 21551.6-2010	2027-01-01
54	GB/T 21667-2024	General rules of the second-hand goods qualification			GB/T 21667-2008	2024-12-31
55	GB/T 22180-2024	Quick frozen coated fish	CODEX STAN 166-1989, Rev.3-2017	Modified	GB/T 22180-2014	2025-07-01
56	GB/T 22247-2024	Determination of icariin in health foods			GB/T 22247-2008	2025-07-01
57	GB/T 22249-2024	Determination of lycopene in health foods			GB/T 22249-2008	2025-07-01
58	GB/T 22251-2024	Determination of puerarin in health foods			GB/T 22251-2008	2025-07-01
59	GB/T 22252-2024	Determination of coenzyme Q10 in health foods			GB/T 22252-2008	2025-07-01
60	GB/T 22371-2024	Environmental protection requirements for facsimile machines and multi-function composite facsimile machines			GB/T 22371-2008	2025-07-01
61	GB/T 22517.3-2024	Technical requirements and test method for sports field—Part 3: Baseball and softball field			GB/T 22517.3-2008	2025-04-01
62	GB/T 23301-2024	Cast aluminum alloy for automobile wheels			GB/T 23301-2009	2025-07-01
63	GB/T 23694-2024	Risk management—Vocabulary	ISO 31073-2022	Modified	GB/T 23694-2013	2024-12-31
64	GB/T 23713.1-2024	Condition monitoring and diagnostics of machines—Prognostics—Part 1: General guidelines	ISO 13381-1:2015	Identical	GB/T 23713.1-2009	2025-07-01
65	GB/T 23718.5-2024	Condition monitoring and diagnostics of machines—Requirements for qualification and assessment of personnel—Part 5: Lubricant laboratory technician/analyst	ISO 18436-5:2012	Identical		2025-07-01
66	GB/T 24589.1-2024	Financial information technology—Data interface of accounting software—Part 1: Enterprise	ISO 21378:2019	Non-equivalent	GB/T 24589.1-2010	2025-07-01
67	GB/T 25320.4-2024	Power systems management and associated information exchange—Data and communications security—Part 4: Profiles including MMS and derivatives	IEC 62351-4:2018	Modified	GB/Z 25320.4-2010	2025-07-01

68	GB/T 25367-2024	Electronic control common rail system for diesel engines—Fuel injector			GB/T 25367-2010	2025-04-01
69	GB/T 25936.4-2024	Rubber and plastics size reduction machines—Part 4: Safety requirements for agglomerators			GB 25936.4-2010	2025-07-01
70	GB/T 25982-2024	Limits and measurement methods for bus interior noise			GB/T 25982-2010	2025-07-01
71	GB/T 26189.2-2024	Lighting of work places—Part 2: Lighting requirements for safety and security of outdoor work places	ISO/CIE 8995-3:2018	Modified		2025-07-01
72	GB/T 26718-2024	Technical requirements for safety system of urban mass transit			GB/T 26718-2011	2025-07-01
73	GB/T 26731-2024	Treatment and processing of end-of-life tyres			GB/T 26731-2011	2025-07-01
74	GB/T 27533-2024	Diagnostic techniques for canine parvovirus disease			GB/T 27533-2011	2025-07-01
75	GB/T 27930.2-2024	Digital communication protocols between off-board conductive charger and electric vehicle—Part 2: Communication protocols for GB/T 20234.3				2024-12-31
76	GB/T 28988-2024	Technical code of practice for flower pest control			GB/T 28988-2012	2024-12-31
77	GB/T 29292-2024	Footwear—Guidelines for the management and control of key chemicals in footwear and footwear components			GB/T 29292-2012	2025-07-01
78	GB/T 29301-2024	Toner cartridges for electrostatic copying (including multifunction) devices			GB/T 29301-2012	2026-01-01
79	GB/T 29772-2024	General requirements of electric vehicle battery swap station			GB/T 29772-2013	2025-07-01
80	GB/T 29820.2-2024	Assessment of uncertainty in the calibration and use of flow measurement devices—Part 2: Non-linear calibration relationships	ISO 7066-2:1988	Modified		2025-07-01
81	GB/T 29912-2024	Technical requirements for lectotype of urban logistics distribution vehicles			GB/T 29912-2013	2025-07-01
82	GB/T 30137-2024	Power quality—Voltage swell, voltage dips and short interruptions			GB/T 30137-2013	2025-04-01
83	GB/T 30771-2024	Domestic devitroceram			GB/T 30771-2014	2025-07-01
84	GB/T 30843.1-2024	Variable-frequency drive above 1 kV and not exceeding 35 kV—Part 1: Technical conditions			GB/T 30843.1-2014	2025-07-01

85	GB/T 30843.2-2024	Variable-frequency drive above 1 kV and not exceeding 35 kV—Part 2: Test methods			GB/T 30843.2-2014	2025-07-01
86	GB/T 30844.1-2024	Variable-frequency drive of 1 kV and below—Part 1: Technical conditions			GB/T 30844.1-2014	2025-07-01
87	GB/T 30844.2-2024	Variable-frequency drive of 1 kV and below—Part 2: Test methods			GB/T 30844.2-2014	2025-07-01
88	GB/T 30889-2024	Frozen shrimps or prawns	CODEX STAN 92-1981, Rev.2-2017	Modified	GB/T 30889-2014	2025-07-01
89	GB/T 31114-2024	Quality requirement for ice cream			GB/T 31114-2014	2026-07-01
90	GB/T 31235-2024	Technical specification for fittings of ± 800 kV DC overhead transmission line			GB/T 31235-2014	2025-07-01
91	GB/T 31814-2024	Frozen scallop	CODEX STAN 315-2014, Rev.1-2017	Modified	GB/T 31814-2015	2025-07-01
92	GB/T 32151.18-2024	Requirements of the greenhouse gas emissions accounting and reporting—Part 18: Forging enterprise				2025-07-01
93	GB/T 32151.31-2024	Requirements of the greenhouse gas emissions accounting and reporting—Part 31: Wood industry enterprise				2025-07-01
94	GB/T 32482-2024	Colour binning of white LED packages for automotive vehicles	IEC 62707-1:2018	Modified	GB/T 32482.1-2016	2025-07-01
95	GB/T 32507-2024	Power quality—Terminology			GB/T 32507-2016	2025-04-01
96	GB/T 32825-2024	Technical parameters and requirements for three-phase dry-type tridimensional wound core power transformers			GB/T 32825-2016	2025-07-01
97	GB/T 33136-2024	Information technology service—Service capability maturity model for data center			GB/T 33136-2016	2025-07-01
98	GB/T 33223-2024	Rolling equipment—Vocabulary			GB/T 33223-2016	2024-12-31
99	GB/T 33492-2024	Management specification of second-hand goods exchange market			GB/T 33492-2017	2024-12-31
100	GB/T 33993-2024	Two dimensional code for commodity			GB/T 33993-2017	2025-07-01
101	GB/T 34275-2024	Pressure piping code—Transmission pipeline			GB/T 34275-2017	2024-12-31
102	GB/T 34571-2024	Railway applications—Rules for installation of cabling on rolling stock	IEC 62995:2018	Modified	GB/T 34571-2017	2025-07-01

103	GB/T 41850.1-2024	Mechanical vibration—Measurement and evaluation of machine vibration—Part 1: General guidelines	ISO 20816-1:2016	Identical		2025-07-01
104	GB/T 41850.9-2024	Mechanical vibration—Measurement and evaluation of machine vibration—Part 9: Gear units	ISO 20816-9:2020	Identical		2025-07-01
105	GB/T 42151.6-2024	Communication networks and systems for power utility automation—Part 6: Configuration description language for communication in power utility automation systems related to IEDs	IEC 61850-6:2018	Identical		2025-07-01
106	GB/T 42151.71-2024	Communication networks and systems for power utility automation—Part 7-1: Basic communication structure—Principles and models	IEC 61850-7-1:2020	Identical		2025-07-01
107	GB/T 42151.72-2024	Communication networks and systems for power utility automation—Part 7-2: Basic information and communication structure—Abstract communication service interface (ACSI)	IEC 61850-7-2:2020	Identical		2025-07-01
108	GB/T 42968.4-2024	Integrated circuits—Measurement of electromagnetic immunity—Part 4: Direct RF power injection method	IEC 62132-4:2006	Identical		2024-12-31
109	GB/T 43257.4-2024	Safety test methods for transport packages of radioactive material—Part 4: Drop test				2025-07-01
110	GB/T 43259.301-2024	Energy management system application program interface (EMS-API)—Part 301: Common information model (CIM) base	IEC 61970-301:2020	Identical		2025-07-01
111	GB/T 4365-2024	Electrotechnical terminology—Electromagnetic compatibility	IEC60050-161:2021	Modified	GB/T 4365-2003	2025-07-01
112	GB/T 43758.2-2024	Technical specifications for driving safety test environment for intelligent and connected vehicles—Part 2: Semi-open road				2025-07-01
113	GB/T 44386-2024	Railway applications—Rolling stock—Onboard lithium-ion traction batteries	IEC 62928:2017	Modified		2025-07-01
114	GB/T 44808.2-2024	Ergonomics—Accessible design—Part 2: Method for creating colour combinations taking account of age-related changes in human colour vision	ISO 24505:2016	Identical		2025-07-01
115	GB/T 44808.3-2024	Ergonomics—Accessible design—Part 3: Sound pressure levels of spoken announcements for products and public address systems	ISO 24504:2014	Identical		2025-07-01
116	GB/T 44808.4-2024	Ergonomics—Accessible design—Part 4: A method for estimating minimum legible font size for people at any age	ISO 24509:2019	Identical		2025-07-01

117	GB/T 44923-2024	Adult three-dimensional head models				2025-07-01
118	GB/T 44924-2024	Semiconductor integrated circuits— Measuring methods for RF transmitter/ receiver				2025-04-01
119	GB/T 44925-2024	Requirement for portioning and storage of returned lunar sample				2025-04-01
120	GB/T 44926-2024	Nanotechnologies—Characterization of micro surface and sub surface— Optical dark-field confocal microscopy				2025-07-01
121	GB/T 44927-2024	Knowledge management systems— Requirements	ISO 30401:2018	Modified		2025-04-01
122	GB/T 44928-2024	Terms of microlithography technology for microelectronics				2024-12-31
123	GB/T 44929-2024	Specifications for the scientific proposal evaluation of space high- energy astronomy				2025-04-01
124	GB/T 44930-2024	Interface requirements of high-altitude scientific balloon platform and payload				2025-04-01
125	GB/T 44931-2024	Nanotechnologies—Generation of metal nanoparticles for inhalation toxicity testing—Evaporation- condensation method	ISO 10801:2010	Identical		2025-07-01
126	GB/T 44932-2024	Testing equipment for DC electrical energy meters				2025-07-01
127	GB/T 44933-2024	Technical specification for flywheel energy storage system used for electrical energy storage system				2025-07-01
128	GB/T 44934-2024	Technical specification for flywheel energy storage unit of electrical energy storage				2025-07-01
129	GB/T 44935-2024	Nanotechnologies—Measurement of the number of layers of MoS ₂ flakes— Raman spectroscopy method				2025-07-01
130	GB/T 44937.4-2024	Integrated circuits—Measurement of electromagnetic emissions— Part 4: Measurement of conducted emissions—1 Ω /150 Ω direct coupling method	IEC 61967- 4:2021	Identical		2024-12-31
131	GB/T 44980-2024	Frozen shrimp paste				2025-07-01
132	GB/T 44985.1-2024	General technical requirements for agricultural internet of things—Part 1: Field planting				2025-07-01
133	GB/T 44985.3-2024	General technical requirements for agricultural internet of things—Part 3: Aquaculture				2025-07-01

134	GB/T 44985.4-2024	General technical requirements for agricultural internet of things—Part 4: Livestock and poultry breeding				2025-07-01
135	GB/T 44992-2024	Testing equipment for harmonic meters of active energy				2025-07-01
136	GB/T 44993-2024	On-site testing instruments of off-board charger for electric vehicles				2025-07-01
137	GB/T 44994-2024	Acoustics—Hearing aid fitting management (HAFM)	ISO 21388:2020	Identical		2025-04-01
138	GB/T 45021.1-2024	Photovoltaic (PV) module performance testing and energy rating—Part 1: Irradiance and temperature performance measurements and power rating	IEC 61853-1:2011	Modified		2025-04-01
139	GB/T 45022-2024	Railway applications—Converter on board rolling stock—Charger				2025-07-01
140	GB/T 45025-2024	Technical guidelines for monitoring and effectiveness evaluation of coral reef ecological restoration				2025-04-01
141	GB/T 45026-2024	Specification for side scan sonar oceanic survey				2025-07-01
142	GB/T 45027-2024	Valves for liquid hydrogen—General specification				2025-04-01
143	GB/T 45028-2024	Determination of oxygenates in alcohols/ethers-based aromatics—Gas chromatographic method				2025-07-01
144	GB/T 45029-2024	Warning signs of marine disaster				2025-04-01
145	GB/T 45030-2024	Shoushan stone—Tianhuang—Testing				2025-07-01
146	GB/T 45031-2024	Technical guidelines for monitoring and effectiveness evaluation of seagrass bed ecological restoration				2025-07-01
147	GB/T 45040-2024	Bedding—Test method for air permeability of latex products				2025-07-01
148	GB/T 45041-2024	Wool and wool-like knitting goods for infants				2025-07-01
149	GB/T 45042-2024	Textiles—Quantitative chemical analysis—Mixtures of polyacrylonitrile preoxidized fiber and certain other fibers				2025-07-01
150	GB/T 45043-2024	Textiles—Determination of adipate esters—Gas chromatography-mass spectrometry method				2025-07-01
151	GB/T 45044-2024	Textiles—Tests for colour fastness—Colour fastness to bleeding				2025-07-01

152	GB/T 45049-2024	Earth-moving machinery—Battery electric hydraulic excavators—Test methods				2025-07-01
153	GB/T 45050-2024	Earth-moving machinery—Battery electric non-road wide-body dumpers—Test methods				2025-07-01
154	GB/T 45052-2024	Earth-moving machinery—Battery electric wheel loaders—Test methods				2025-07-01
155	GB/T 45054-2024	Earth-moving machinery—Battery electric non-road mining dumpers—Test methods				2025-07-01
156	GB/T 45058-2024	Technical specification for survey and assessment of biological resources in island and reef waters				2025-07-01
157	GB/T 45059-2024	Frozen squid products breaded or in batter				2025-07-01
158	GB/T 45060-2024	Black-spotted pond frog				2025-07-01
159	GB/T 45061-2024	Frozen fish fillets	CODEX STAN 190-1995, Rev.1-2017	Non-equivalent		2025-07-01
160	GB/T 45062-2024	Guide for inter-calibration of meteorological satellite infrared channel				2024-12-31
161	GB/T 45063-2024	Footwear—Chemical tests—General principles on the preparation of samples	ISO 21061:2021	Modified		2025-07-01
162	GB/T 45065-2024	Leather and fur—Chemical tests—Determination of residual methylcyclsiloxane volatiles				2025-07-01
163	GB/T 45066-2024	Digital fittings—Attributes of the virtual human body—Vocabulary and terminology	ISO 18825-2:2016	Modified		2025-07-01
164	GB/T 45068.1-2024	Digital fittings—Performance evaluation protocol for systems—Part 1: Virtual human body representation	ISO 20947-1:2021	Modified		2025-07-01
165	GB/T 45093-2024	Diagnostic techniques for novel waterfowl astrovirus disease				2025-07-01
166	GB/T 45100-2024	Diagnostic techniques for enzootic abortion of ewes				2025-07-01
167	GB/T 45101-2024	Diagnostic techniques for animal anthrax				2025-07-01
168	GB/T 45102-2024	Harvesting technical requirements for machine-harvested cotton				2025-07-01
169	GB/T 45103-2024	Nutrient requirements of meat-type duck				2025-07-01

170	GB/T 45104-2024	Determination of gross energy of feeds—Bomb calorimetric method				2025-07-01
171	GB/T 45105-2024	Diagnostic techniques for sheep pox and goat pox				2025-07-01
172	GB/T 45106-2024	Diagnostic technique of leptospirosis in animals				2025-07-01
173	GB/T 45107-2024	Technical requirements for topsoil stripping and reusing				2025-07-01
174	GB/T 45109.1-2024	Smart city—City digital twin—Part 1: Technical reference architecture				2025-07-01
175	GB/T 45110.1-2024	Technical specification for OPC unified architecture and 5G integration—Part 1: General requirements				2025-07-01
176	GB/T 45111-2024	Quality control guidelines for layer of protection analysis (LOPA), safety integrity levels (SIL) determination and verification				2025-07-01
177	GB/T 45112-2024	LTE-based vehicular communication—Technical requirement of security certificate management system				2025-04-01
178	GB/T 45114-2024	Nanotechnologies—Measurements of particle size and shape distributions by transmission electron microscopy	ISO 21363:2020	Identical		2025-07-01
179	GB/T 45116-2024	Critical current measurement—DC critical current of REBCO composite superconductors	IEC 61788-26:2020	Identical		2025-07-01
180	GB/T 45117-2024	Terminology work—Age-friendly—Basic vocabulary				2025-07-01
181	GB/T 45118-2024	Technical guide for grid connection of wave energy generation device				2026-01-01
182	GB/T 45119-2024	Technical requirement for insulation monitoring of low voltage power system in power plants and substations				2025-07-01
183	GB/T 45120-2024	Road vehicles—Supply voltage of 48 V—Electrical requirements and tests	ISO 21780:2020	Modified		2024-12-31
184	GB/T 45121-2024	Technical specifications of energy consumption measurement for flue gas CO ₂ capture system in thermal power plants				2025-07-01
185	GB/T 45122-2024	Guidelines for age-friendly accessible design of consumer products				2025-07-01
186	GB/T 45123-2024	Public security—Biometric recognition application—Database requirements for testing and evaluating algorithm				2025-07-01
187	GB/T 45124-2024	Measurement of liquid flow in closed conduits—Volumetric method	ISO 8316:1987	Modified		2025-07-01

188	GB/T 45135-2024	Superplastic forming and diffusion bonding parts of titanium alloy sheet—General specifications				2025-07-01
189	GB/T 45136-2024	Technical specification for somatic cell cloning of pig, cattle, sheep and goat				2024-12-31
190	GB/T 45137-2024	Technical code of practice with genome editing and breeding for livestock and poultry				2024-12-31
191	GB/T 45138-2024	Technical specification for evaluation of antiviral activity of interferon				2024-12-31
192	GB/T 45139-2024	Determination of bergapten content in essential oils of bergamot, lemon, bitter orange and lime (fully or partially reduced in bergapten)—High-performance liquid chromatography	ISO 7358:2021	Identical		2025-07-01
193	GB/T 45143-2024	Shipbuilding and marine structures—Inflatable liferafts—Materials				2025-04-01
194	GB/T 45144-2024	Road vehicles—Wheels and rims—Use, general maintenance and safety requirements and out-of-service conditions	ISO 14400:2021	Modified		2025-07-01
195	GB/T 45145-2024	Performance and testing requirements of maritime survivor locating devices	IEC 63269:2022	Modified		2026-01-01
196	GB/T 45146-2024	Road vehicles—Air and air/hydraulic braking systems of motor vehicles test procedures	ISO 7635:2006	Modified		2025-07-01
197	GB/T 45147-2024	Road vehicles—Test of vehicle air braking systems with a permissible mass of over 3.5 t—Acquisition and use of reference values using a roller brake tester	ISO 21995:2008	Modified		2025-07-01
198	GB/T 45148-2024	Basic requirements for resources and technology of digital culture center				2025-04-01
199	GB/T 45150-2024	Ageing societies—Framework for dementia-inclusive communities	ISO 25552:2022	Identical		2024-12-31
200	GB/T 45151-2024	Guidelines for construction of urban distribution network				2024-12-31
201	GB/T 45153-2024	Ageing societies—General requirements and guidelines for carer-inclusive organizations	ISO 25551:2021	Identical		2024-12-31
202	GB/T 45154-2024	Ageing societies—General requirements and guidelines for an age-inclusive workforce	ISO 25550:2022	Identical		2024-12-31
203	GB/T 45155-2024	Quality management—Guidance to understand, evaluate and improve organizational quality culture	ISO 10010:2022	Modified		2024-12-31

204	GB/T 45156-2024	Security and resilience—Emergency management—General guidelines for the implementation of a community based disaster early warning system	ISO 22328-1:2020	Modified		2025-04-01
205	GB/T 45157-2024	Security and resilience—Community resilience—Guidelines for information exchange between organizations	ISO 22396:2020	Identical		2025-04-01
206	GB/T 45158-2024	Urban public facilities—Requirements and evaluation for aged-friendly facilities service				2025-04-01
207	GB/T 45159.1-2024	Mechanical vibration and shock—Characterization of the dynamic mechanical properties of visco-elastic materials—Part 1: Principles and guidelines	ISO 18437-1:2012	Identical		2024-12-31
208	GB/T 45159.2-2024	Mechanical vibration and shock—Characterization of the dynamic mechanical properties of visco-elastic materials—Part 2: Resonance method	ISO 18437-2:2005	Identical		2024-12-31
209	GB/T 45159.3-2024	Mechanical vibration and shock—Characterization of the dynamic mechanical properties of visco-elastic materials—Part 3: Cantilever shear beam method	ISO 18437-3:2005	Identical		2024-12-31
210	GB/T 45160-2024	Safety of woodworking machines—Horizontal beam panel circular sawing machines	ISO 19085-2:2021	Identical		2025-07-01
211	GB/T 45161-2024	Technical specification of safety valves for liquid hydrogen vessels				2025-07-01
212	GB/T 45162.1-2024	Warehouse logistics equipment—Specification for reliability test—Part 1: conveying and sorting equipment				2025-07-01
213	GB/T 45163.1-2024	Lifting appliances—Intelligent systems—Part 1: Vocabulary and classification				2025-07-01
214	GB/T 45164-2024	Classification and designation of defects in investment castings				2025-07-01
215	GB/T 45165-2024	Small high-pressure cleaning machine				2025-07-01
216	GB/T 45166-2024	Non-destructive testing—Infrared thermographic testing—General principles	ISO 10880:2017	Identical		2024-12-31
217	GB/T 45167-2024	Steels, nickel alloys and cobalt alloys investment castings—Visual testing of surface quality	ISO 19959:2020	Modified		2025-07-01
218	GB/T 45168-2024	Determination of chromium picolinate in health foods			GB/T 5009.195-2003	2025-07-01

219	GB/T 45170-2024	General quality for ready-to-eat kelp products				2025-07-01
220	GB/T 45171-2024	Determination of microwave heating temperature of plastics materials and articles at the plastics food interface				2025-07-01
221	GB/T 45172-2024	Sensory analysis methodology—Guidelines for the measurement of the performance of a quantitative descriptive sensory panel	ISO 11132:2021	Identical		2024-12-31
222	GB/T 45173-2024	Classification and terminology of cups and kettles				2025-07-01
223	GB/T 45174-2024	Footwear—Test method of density for microcellular soles				2025-07-01
224	GB/T 45175-2024	Footwear—Test methods for whole shoe—Fatigue resistance of touch and close fasteners				2025-07-01
225	GB/T 45176-2024	Green product assessment—Commercial refrigerating appliances				2025-07-01
226	GB/T 45177-2024	Technical specification of lighting environment for plant factories with electric lighting				2025-07-01
227	GB/T 45178-2024	Man-made fibre—Determination of antioxidant activity—DPPH and ABTS methods				2025-07-01
228	GB/T 45179-2024	Man-made fibre—Determination of friction factors of staple fibres—Capstan method				2025-07-01
229	GB/T 45180-2024	General requirements of age-friendly training equipment				2026-01-01
230	GB/T 45181-2024	Security-related misbehavior detection mechanism for connected vehicles	ITU-T X.1376:2021	Identical		2025-04-01
231	GB/T 45193-2024	General technical specification for reused parts of end-of-life vehicles				2025-07-01
232	GB/T 45194-2024	General requirements for traditional historical vehicles				2024-12-31
233	GB/T 45195-2024	Wind energy generation systems—Recycling method of waste fiber composites for wind turbines				2024-12-31
234	GB/T 45198-2024	General requirements for valuation and evaluation of used vehicles				2024-12-31
235	GB/T 45201-2024	Specification for social E-commerce platform management				2024-12-31
236	GB/T 45203-2024	Recycled black mass for lithium ion battery				2025-07-01

237	GB/T 45205-2024	Specification for fair competition compliance management for undertakings				2024-12-31
238	GB/Z 44938.1-2024	Electrical safety of machinery—Part 1: Safety-related sensors used for the protection of persons	IEC TS 62998-1:2019	Identical		2025-07-01
239	GB/Z 44938.2-2024	Electrical safety of machinery—Part 2: Examples of application for safety-related sensors used to protect persons	IEC TR 62998-2:2020	Identical		2025-07-01
240	GB/Z 45064-2024	Equipment for general lighting purposes—Stroboscopic effects—Objective test method	IEC TR 63158:2018	Modified		2024-12-31
241	GB/Z 45113-2024	Nanotechnologies—Test of volatile components in single-wall carbon nanotube samples—Evolved gas analysis/gas chromatograph-mass spectrometry	ISO/TS 11251:2019	Identical		2025-07-01
242	GB/Z 45115-2024	Solar thermal electric plants—Characterization of active, sensible systems for direct and indirect configurations	IEC TS 62862-2-1:2021	Identical		2025-07-01
243	GB/Z 45152-2024	Ageing societies—Framework for integrated community-based health and care services	IWA 18:2016	Identical		2024-12-31

