

**Standard Announcement of Newly Approved National
Standards of P. R. China**

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Newly Approved National Standards of P. R. China

No.21, 2022

State Administration for Market Regulation and Standardization Administration of China
have approved the following 544 national standards and 4 national standards with amendment.

2022-12-30

NO.	Standard Number	Title	Adopted Standard	Degree of Standard Adoption	Replaced Standard	Implementation Date
1	GB/T 42146-2022	Encapsulation requirement for webpage electronic document of government website				2023-07-01
2	GB/T 13957-2022	Technical requirements for the fundamental series of three-phase large asynchronous motor			GB/T 13957-2008	2023-07-01
3	GB/T 23686-2022	Environmentally conscious design (ECD)—Principles, requirements and guidance	IEC 62430:2019	Modified	GB/T 23686-2018	2023-07-01
4	GB/T 9651-2022	Test methods for single-phase induction motors			GB/T 9651-2008	2023-07-01
5	GB/T 31464-2022	The grid operation code			GB/T 31464-2015	2023-07-01
6	GB/T 22264.4-2022	Mounted digital display electric measuring instruments—Part 4: Special requirements for frequency meters			GB/T 22264.4-2008	2023-07-01
7	GB/Z 17215.669-2022	Electricity metering data exchange—The DLMS/COSEM suite—Part 69: Mapping between the common information model message profiles (IEC 61968-9) and DLMS/COSEM (IEC 62056) data models and protocols	IEC TS 62056-6-9: 2016	Equivalent		2023-07-01

8	GB/Z 17215.651-2022	Electricity metering data exchange—The DLMS/COSEM suite—Part 51: Application layer protocols	IEC TS 62056-51:1998	Equivalent		2023-07-01
9	GB/T 22264.3-2022	Mounted digital display electric measuring instruments—Part 3: Special requirements for wattmeters and varmeters			GB/T 22264.3-2008	2023-07-01
10	GB/T 42134-2022	Intelligent manufacturing—Mass customization—Vocabulary				2023-07-01
11	GB/T 42133-2022	Information technology—Guideline for OFD using in archive				2023-07-01
12	GB/T 42131-2022	Artificial intelligence—Technical framework of knowledge graph				2023-07-01
13	GB/T 42139-2022	Information interaction model of personal health device				2023-07-01
14	GB/T 7739.7-2022	Methods for chemical analysis of gold concentrates—Part 7: Determination of iron content			GB/T 7739.7-2007	2023-07-01
15	GB/T 42086. 1-2022	Connections for hydraulic fluid power—Flange connections—Part 1: Series of 3.5 MPa to 35 MPa, DN13 to DN127	ISO 6162- 1:2012	Modified		2022- 12-30
16	GB/T 42106-2022	Nanotechnology—Fabrication of three dimensional nanostructures and devices—A strain method induced by ion beam irradiation				2023-07-01
17	GB/T 19688-2022	Information and documentation—Bibliographic data element directory for use in data exchange and enquiry	ISO 8459:2009	Equivalent	GB/T 19688. 1-2005, GB/T 19688.2-2005, GB/T 19688.3-2005, GB/T 19688.4-2005, GB/T 19688.5-2009	2023-07-01
18	GB/T 41914.2-2022	Fine bubble technology—General principles for usage and measurement of fine bubbles—Part 2: Categorization of the attributes of fine bubbles	ISO 20480-2:2018	Modified		2023-07-01
19	GB/T 42107-2022	Specification on documents archiving and records management of national science and technology major project				2023-07-01

20	GB/T 42108-2022	Information and documentation—organization metadata				2023-07-01
21	GB/T 2659.2-2022	Codes for the representation of names of countries and their subdivisions—Part 2: Country subdivision code	ISO 3166-2:2020	Modified		2023-07-01
22	GB/T 21412.2-2022	Petroleum and natural gas industries—Design and operation of subsea production systems—Part 2: Unbonded flexible pipe systems for subsea and marine applications	ISO 13628-2:2006	Modified	GB/T 21445.2-2008	2023-04-01
23	GB/T 16491-2022	Electronic universal testing machines			GB/T 16491-2008	2023-07-01
24	GB/T 9776-2022	Calcined gypsum			GB/T 9776-2008	2023-07-01
25	GB/T 5686.7-2022	Ferromanganese, ferromanganese-silicon, nitrogen-bearing ferromanganese and manganese metal—Determination of sulfur content— Infrared absorption method and combustion-neutralization method			GB/T 5686.7-2008	2023-07-01
26	GB/T 41919-2022	Artificial stone building slab				2023-07-01
27	GB/T 41925-2022	Classification of urban underground space and underground engineering				2023-07-01
28	GB/Z 42085-2022	Pneumatic fluid power—Assessment of component reliability by accelerated life testing—General guidelines and procedures	ISO/TR 16194:2017	Equivalent		2022- 12-30
29	GB/T 16857.9-2022	Geometrical product specifications (GPS)—Acceptance and reverification tests for coordinate measuring systems (CMS)—Part 9: CMMs with multiple probing systems	ISO 10360-9:2013	Equivalent		2023-04-01
30	GB/T 18916.5-2022	Norm of water intake—Part 5: Pulp, paper and paper board production			GB/T 18916.5-2012	2023-04-01
31	GB/T 18916.61-2022	Norm of water intake—Part 61: Lysine salt				2023-04-01

32	GB/T 37036.8-2022	Information technology—Biometrics used with mobile devices—Part 8: Presentation attack detection				2023-07-01
33	GB/T 42171-2022	Essential oil of rose (<i>Rosa × damascena</i> Miller)	ISO 9842:2003	Modified		2023-07-01
34	GB/T 42172-2022	Essential oils—General rules for labelling and marking of containers	ISO/TS 211:2014	Equivalent		2023-07-01
35	GB/T 18737.3-2022	Textile machinery and accessories—Beams for winding—Part 3: Weaver's beams	ISO 8116-3:2008	Modified		2023-07-01
36	GB/T 42164-2022	Leather—Chemical tests—Thermal ageing of leather and determination of hexavalent chromium	ISO 10195:2018	Modified		2023-07-01
37	GB/T 42167-2022	Garment leather	ISO 14931:2021	Non-equivalent		2024-01-01
38	GB/T 19557.26-2022	Guidelines for the conduct of tests for distinctness, uniformity and stability—Apple (<i>Malus domestica</i> Borkh.)				2023-07-01
39	GB/T 19557. 16-2022	Guidelines for the conduct of tests for distinctness, uniformity and stability—Groundnut (<i>Arachis hypogaea</i> L.)				2023-07-01
40	GB/T 42113-2022	Determination of cyanogenic glycosides in agricultural products—Liquid chromatography with tandem-mass spectrometry method				2023-07-01
41	GB/T 42116-2022	Subo merino				2023-07-01
42	GB/T 11764-2022	Sunflower seed			GB/T 11764-2008	2023-07-01
43	GB/T 42115-2022	Diagnostic techniques for bovine malignant catarrhal fever				2023-07-01
44	GB/T 41947-2022	Belt drives—V-ribbed belts for the automotive industry—Fatigue test	ISO 11749:2014	Modified		2023-04-01
45	GB/T 41924.2-2022	Light conveyor belts—Part 2: List of equivalent terms	ISO 21183-2:2018	Modified		2023-07-01
46	GB/T 41939-2022	Rubber—Determination of magnesium content by atomic absorption spectrometry	ISO 6101-6:2018	Modified		2023-04-01

47	GB/T 41926-2022	Plastics—Epoxy resins— Determination of 1,2-glycol content	ISO 21048:2014	Equivalent		2023-04-01
48	GB/T 41941-2022	Rubber, vulcanized— Measurement of fatigue crack growth rate	ISO 27727:2008	Modified		2023-04-01
49	GB/T 41959-2022	Treatment and disposal methods for nickel-containing electroplating sludge				2023-07-01
50	GB/T 6434-2022	Determination of crude fiber content in feeds	ISO 6865:2000	Modified	GB/T 6434-2006	2023-07-01
51	GB/T 42173-2022	Germinated brown rice				2023-07-01
52	GB/T 42194-2022	Social work in child welfare institution—Vocabulary				2022- 12-30
53	GB/T 42176-2022	The grade of wave height				2023-04-01
54	GB/T 42174-2022	Social work in child welfare institution—General requirements of services				2022- 12-30
55	GB/T 41942-2022	Rubber, raw natural, and rubber latex, natural—Determination of nitrogen content—Micro Dumas combustion method	ISO 19051:2015	Equivalent		2023-04-01
56	GB/T 41940-2022	Rubber—Determination of viscosity and stress relaxation using a rotorless sealed shear rheometer	ISO 13145:2012	Equivalent		2023-04-01
57	GB/T 41960-2022	Leg mating unit				2023-07-01
58	GB/T 41944-2022	Butyl rubber damping sheet				2023-07-01
59	GB/T 41943-2022	Natural rubber in bales— Determination of the amount of bale coating	ISO 1434:2016	Modified		2023-04-01
60	GB/T 41927-2022	Plastics—Thermosetting moulding materials— Evaluation of short-term performance at elevated temperatures	ISO 11248:1993	Modified		2023-04-01
61	GB/T 42126. 1-2022	Industrial wireless communication specification based on cellular networks— Part 1: General technical requirements				2023-07-01

62	GB/T 42142-2022	Analysis criterion for radiation source term in auxiliary and secondary coolant system of pressurized water reactor nuclear power plant				2023-07-01
63	GB/T 19721.5-2022	The issue of marine forecasts and warnings—Part 5: The issue of sea temperature forecasts				2023-04-01
64	GB/T 42175-2022	Determination of Copper, Lead, Zinc, Cadmium and Chromium in the drilling cuttings and mud from ocean petroleum exploitation—Microwave digestion-inductively coupled plasma mass spectrometry method				2023-04-01
65	GB/T 41928-2022	Plastics—Epoxy resins—Determination of degree of crosslinking of crosslinked epoxy resins by differential scanning calorimetry (DSC)	ISO 14322:2018	Equivalent		2023-04-01
66	GB/T 41931-2022	Plastics/rubber—Polymer dispersions and synthetic rubber latices—Freeze-thaw cycle stability test	ISO 1147:1995	Modified		2023-04-01
67	GB/T 41961-2022	Treatment and disposal methods for used mineral oil lubricant				2023-07-01
68	GB/T 41933-2022	Plastics—Determination of tension-tension fatigue crack propagation—Linear elastic fracture mechanics (LEFM) approach	ISO 15850:2014	Modified		2023-04-01
69	GB/T 41929-2022	Plastics—Epoxy resins—Test methods	ISO 18280:2010	Modified		2023-04-01
70	GB/T 42143-2022	Specification for design and construction of steel containment vessel of pressurized water reactor nuclear power plant				2023-07-01
71	GB/T 42145-2022	Construction requirement for webpage electronic document management system of government website				2023-07-01
72	GB/T 42141-2022	Radiation protection design criterion for nuclear island building under accident condition of pressurized water reactor nuclear power plant				2023-07-01

73	GB/T 42144-2022	Calculation of doses to the public from discharge of effluents from reactor				2023-07-01
74	GB/T 41935-2022	Plastics—Artificial weathering including acidic deposition	ISO 29664:2010	Equivalent		2023-04-01
75	GB/T 41932-2022	Plastics—Determination of fracture toughness (GIC and KIC)—Linear elastic fracture mechanics (LEFM) approach	ISO 13586:2018	Modified		2023-04-01
76	GB/T 41936. 1-2022	Plastics—Determination of stiffness in torsion of flexible materials—Part 1: General method	ISO 458- 1:1985	Equivalent		2023-04-01
77	GB/T 19466.5-2022	Plastics—Differential scanning calorimetry (DSC)—Part 5: Determination of characteristic reaction-curve temperatures and times, enthalpy of reaction and degree of conversion	ISO 11357-5:2013	Modified		2023-04-01
78	GB/T 11546.2-2022	Plastics—Determination of creep behaviour—Part 2: Flexural creep by three-point loading	ISO 899-2:2003	Modified		2023-04-01
79	GB/T 2406.3-2022	Plastics—Determination of burning behaviour by oxygen index—Part 3: Elevated-temperature test	ISO 4589-3:2017	Equivalent		2023-04-01
80	GB/T 41936.2-2022	Plastics—Determination of stiffness in torsion of flexible materials—Part 2: Application to plasticized compounds of homopolymers and copolymers of vinyl chloride	ISO 458-2:1985	Equivalent		2023-04-01
81	GB/T 41934-2022	Plastics—Vertical flame spread determination for film and sheet	ISO 12992:2017	Equivalent		2023-04-01
82	GB/T 3780.29-2022	Carbon black—Part 29: Determination of solvent extractable material	ISO 6209:2009	Modified		2023-04-01
83	GB/T 41969-2022	Building construction machinery and equipment—Advanced geological drilling rig				2023-07-01
84	GB/T 41964-2022	Photography—Processing waste—Determination of ammoniacal nitrogen (microdiffusion method)	ISO 6853:2001	Equivalent		2023-07-01
85	GB/T 41956-2022	Determination of fuzz mass for carbon fiber tow				2023-04-01

86	GB/T 41949-2022	Particle—Laser particle size analyser—Technical requirements				2023-07-01
87	GB/T 41958-2022	Dipped canvas—Test method for thermal conductivity				2023-07-01
88	GB/T 41957-2022	Oil for use in the carbon black products—Fluid catalytic cracking slurry oil in petroleum refining				2023-07-01
89	GB/T 41948-2022	Particle characterization—Sample preparation				2023-04-01
90	GB/T 41965-2022	Photography—Processing waste—Determination of total amino nitrogen (microdiffusion Kjeldahl method)	ISO 6851:2001	Equivalent		2023-07-01
91	GB/T 41938-2022	Rubber compounding ingredients—Silica, precipitated, hydrated—Evaluation procedures in a blend of solution styrene-butadiene rubber (S-SBR) and butadiene rubber (BR)	ISO 5794-3:2011	Modified		2023-04-01
92	GB/T 41953-2022	Paints and varnishes—Determination of water content of coating materials—Gas-chromatographic method	ISO 23168:2019	Equivalent		2023-04-01
93	GB/T 41945-2022	Rubber, raw, vulcanised—Determination of metal content by ICP-OES	ISO 19050:2021	Modified		2023-04-01
94	GB/T 41954-2022	Paints and varnishes—On-site test methods on quality assessment for interior wall coatings	ISO 23169:2020	Modified		2023-04-01
95	GB/T 41066.2-2022	Petroleum drilling and production equipment—Offshore semi-submersible drilling unit—Part 2: Construction, installation and commissioning acceptance				2023-07-01
96	GB/T 41946-2022	Rubber—Determination of total sulfur content—Ion chromatography method	ISO 19242:2021	Equivalent		2023-04-01
97	GB/T 29035-2022	Test method for flexible graphite ring			GB/T 29035-2012	2023-07-01
98	GB/T 41966-2022	Ultrasonic phased array testing method for seamless steel tubes				2023-07-01

99	GB/T 30310-2022	Test methods of determination of dip pickup on dipped yarns and cords			GB/T 30310-2013	2023-07-01
100	GB/T 7739.8-2022	Methods for chemical analysis of gold concentrates—Part 8: Determination of sulfur content			GB/T 7739.8-2007	2023-07-01
101	GB/T 6739-2022	Paints and varnishes—Determination of film hardness by pencil test	ISO 15184:2020	Modified	GB/T 6739-2006	2023-07-01
102	GB/T 20899.7-2022	Methods for chemical analysis of gold ores—Part 7: Determination of iron content			GB/T 20899.7-2007	2023-07-01
103	GB/T 25260. 1-2022	Synthetic rubber latex—Part 1: Carboxyl styrene-butadiene rubber latex (XSBR)			GB/T 25260. 1-2010	2023-07-01
104	GB/T 42079-2022	Digital load side transmission lighting control (DLT)—Basic requirements	IEC 62756- 1:2015	Equivalent		2023-07-01
105	GB/T 2910.4-2022	Textiles—Quantitative chemical analysis—Part 4: Mixtures of certain protein fibres with certain other fibres (method using hypochlorite)	ISO 1833-4:2017	Modified	GB/T 2910.4-2009	2023-07-01
106	GB/T 18326-2022	Plain bearings—Multilayer materials for thin-walled plain bearings	ISO 4383:2012	Modified	GB/T 18326-2001	2023-07-01
107	GB/T 29165. 1-2022	Petroleum and natural gas industries—Glass-reinforced plastics (GRP) piping—Part 1: Vocabulary, symbols, applications and materials	ISO 14692- 1:2017	Equivalent	GB/T 29165. 1-2012	2023-04-01
108	GB/T 17851-2022	Geometrical product specifications (GPS)—Geometrical tolerancing—Datums and datum systems	ISO 5459:2011	Modified	GB/T 17851-2010	2023-04-01
109	GB/T 42082-2022	Rock drill rigs and rock reinforcement rigs for mining—Safety requirements	ISO 18758-2:2018	Equivalent		2023-07-01
110	GB/T 17155-2022	Plates for offset printing—Dimensions	ISO 12635:2021	Equivalent	GB/T 17155- 1997	2023-07-01
111	GB/T 18323-2022	Plain bearings—Sintered bushes—Dimensions and tolerances	ISO 2795:2020	Modified	GB/T 18323-2001	2023-07-01
112	GB/T 42083-2022	Heat treatment of 4Cr5MoSiV1 hot working die steel parts				2023-04-01

113	GB/T 26481-2022	Industrial valves test for fugitive emissions	ISO 15848-2:2015	Modified	GB/T 26481-2011	2023-07-01
114	GB/T 13927-2022	Industrial valves—Pressure testing	ISO 5208:2015	Modified	GB/T 13927-2008	2023-07-01
115	GB/T 26949.2-2022	Industrial trucks—Verification of stability—Part 2: Counterbalanced trucks with mast	ISO 22915-2:2018	Equivalent	GB/T 26949.2-2013	2023-04-01
116	GB/T 28784.5-2022	Mechanical vibration—Measurement of vibration on ships—Part 5: Guidelines for measurement, evaluation and reporting of vibration with regard to habitability on passenger and merchant ships	ISO 20283-5:2016	Equivalent	GB/T 7452-2007	2022- 12-30
117	GB/T 25160-2022	Packaging—Dimensions of folding cartons of cartonboard			GB/T 25160-2010	2023-07-01
118	GB/T 5291.2-2022	Die sinking electro-discharge machines—Testing of the accuracy—Part 2: Double-column machines (slide-head type)	ISO 11090-2:2014	Equivalent	GB/T 5291.2-2003	2022- 12-30
119	GB/T 33523.602-2022	Geometrical product specifications (GPS)—Surface texture: Areal—Part 602: Nominal characteristics of non-contact (confocal chromatic probe) instruments	ISO 25178-602:2010	Equivalent		2023-04-01
120	GB/T 13277.9-2022	Compressed air—Part 9: Test methods for liquid water content	ISO 8573-9:2004	Modified		2022- 12-30
121	GB/T 16857.8-2022	Geometrical product specifications (GPS)—Acceptance and reverification tests for coordinate measuring systems (CMS)—Part 8: CMMs with optical distance sensors	ISO 10360-8:2013	Equivalent		2023-04-01
122	GB/T 33523.606-2022	Geometrical product specifications (GPS)—Surface texture: Areal—Part 606: Nominal characteristics of non-contact (focus variation) instruments	ISO 25178-606:2015	Equivalent		2023-04-01
123	GB/T 33523.605-2022	Geometrical product specifications (GPS)—Surface texture: Areal—Part 605: Nominal characteristics of non-contact (point autofocus probe) instruments	ISO 25178-605:2014	Equivalent		2023-04-01

124	GB/T 41962-2022	Technical specification of storage devices for laboratory waste				2023-07-01
125	GB/T 41963-2022	Technical requirements for classification and collecting of automotive chemical waste				2023-07-01
126	GB/T 41952-2022	Technical specification of treatment and disposal for waste liquid from naphthalene dye intermediates				2023-07-01
127	GB/T 41955-2022	Test method for compression of fiber reinforced polymer matrix composite multi-directional laminates without open-hole				2023-04-01
128	GB/T 37211.3-2022	Method for chemical analysis of metal germanium—Part 3: Determination of trace impurity elements content—Glow discharge mass spectrometry				2023-04-01
129	GB/T 41937-2022	Rubber- or plastics-coated fabrics—Physical and mechanical tests—Determination of flex resistance by the flexometer method	ISO 32100:2018	Modified		2023-04-01
130	GB/T 24218. 102-2022	Textiles—Test methods for nonwovens—Part 102: Determination of tensile elasticity				2023-07-01
131	GB/T 16886.9-2022	Biological evaluation of medical devices—Part 9: Framework for identification and quantification of potential degradation products	ISO 10993-9:2019	Equivalent	GB/T 16886.9-2017	2024-01-01
132	GB/T 42084-2022	Geometrical product specifications (GPS)—Extraction	ISO 14406:2010	Equivalent		2023-04-01
133	GB/T 42088-2022	Feed processing mills—Directives for intelligent technology				2023-07-01
134	GB/T 42087-2022	Hydraulic fluid power—System—Clean-up procedures and verification of cleanliness method	ISO 16431:2012	Equivalent		2022- 12-30
135	GB/T 42089-2022	Child-resistant packaging—Requirements and testing procedures for non-reclosable packages for non-pharmaceutical products	ISO 28862:2018	Modified		2023-04-01

136	GB/T 16857. 12-2022	Geometrical product specifications (GPS)—Acceptance and reverification tests for coordinate measuring systems (CMS)—Part 12: Articulated arm coordinate measurement machines (CMM)	ISO 10360-12:2016	Equivalent		2023-04-01
137	GB/T 42090-2022	Intelligent feed processing mills—Technical specification for data acquisition				2023-07-01
138	GB/T 26958.85-2022	Geometrical product specifications (GPS)—Filtration—Part 85: Morphological areal filters—Segmentation	ISO 16610-85:2013	Equivalent		2023-04-01
139	GB/T 42091-2022	Specification of smelting and casting of vacuum ingot for heavy steel forgings				2022- 12-30
140	GB/T 18916.3-2022	Norm of water intake—Part 3: Petroleum refining			GB/T 18916.3-2012	2023-04-01
141	GB/Z 42244-2022	Space environment—Procedure for obtaining worst case and confidence level of fluence using the quasi-dynamic model of earth's radiation belts	ISO/TS 21979:2018	Equivalent		2023-07-01
142	GB/T 20712-2022	General quality for cooked sausage			GB/T 20712-2006	2024-07-01
143	GB/T 23969-2022	General quality for dried meat dice			GB/T 23969-2009	2024-07-01
144	GB/T 23586-2022	General quality for soy sauce and pot-roast meat products			GB/T 23586-2009	2024-07-01
145	GB/T 23968-2022	General quality for meat floss			GB/T 23968-2009	2024-07-01
146	GB/T 42203-2022	Intelligent manufacturing—Industrial data—Cloud adaptation specification				2023-07-01
147	GB/T 42204-2022	Communication specification for clinical medical equipment—Imaging equipment				2023-07-01
148	GB/T 42201-2022	Intelligent manufacturing—Time series data acquisition and storage management for industrial big data				2023-07-01

149	GB/T 37036.6-2022	Information technology—Biometrics used with mobile devices—Part 6: Finger vein				2023-07-01
150	GB/T 29374-2022	Grain and oils storage—Code of practice for applicative technology of grain chiller			GB/T 29374-2012	2023-07-01
151	GB/T 11987-2022	Surface active agents—Technical alkane sulphonates—Determination of total alkane sulphonates content	ISO 6122:1978	Modified	GB/T 11987- 1989	2023-07-01
152	GB/T 15681-2022	Flaxseed			GB/T 15681-2008	2023-07-01
153	GB/T 13529-2022	Sodium ethoxylated alkyl sulfate			GB/T 13529-2011	2023-07-01
154	GB/T 16886. 15-2022	Biological evaluation of medical devices— Part 15: Identification and quantification of degradation products from metals and alloys	ISO 10993-15:2019	Equivalent	GB/T 16886. 15-2003	2024-01-01
155	GB/T 17713-2022	Range hoods and other cooking fume extractors			GB/T 17713-2011	2024-01-01
156	GB/T 42168. 1-2022	Condoms—Guidance on clinical studies—Part 1: Male condoms, clinical function studies based on self reports	ISO 29943- 1:2017	Equivalent		2024-01-01
157	GB/T 42166-2022	Inflatable garment				2023-07-01
158	GB/T 42169-2022	Green product assessment—Domestic gas appliances				2024-01-01
159	GB/T 21296.6-2022	Automatic instruments for weighing road vehicles in motion—Part 6: Plate modular	OIML R134-1:2006	Non-equivalent		2023-07-01
160	GB/T 42170-2022	Footwear—Test methods for hollow and compact heels with top pieces—Top piece attachment strength	ISO 24264:2020	Modified		2023-07-01
161	GB/T 19557.8-2022	Guidelines for the conduct of tests for distinctness, uniformity and stability—Plum (Prunus Linn. spp.)			GB/T 19557.8-2004	2023-07-01

162	GB/T 19557.7-2022	Guidelines for the conduct of tests for distinctness, uniformity and stability—Rice (<i>Oryza sativa</i> L.)			GB/T 19557.7-2004	2023-07-01
163	GB/T 19557. 11-2022	Guidelines for the conduct of tests for distinctness, uniformity and stability—Actinidia (<i>Actinidia</i> L.)				2023-07-01
164	GB/T 19557.21-2022	Guidelines for the conduct of tests for distinctness, uniformity and stability—Melon (<i>Cucumis melo</i> L.)				2023-07-01
165	GB/T 42117-2022	Diagnostic techniques for ovine <i>Theileria</i> infection				2023-07-01
166	GB/T 42114-2022	Determination of flavonol in cassava leaves—High-performance liquid chromatography				2023-07-01
167	GB/T 42011-2022	Laboratory animals—General code of animal welfare		Modified		2022- 12-30
168	GB/T 42077-2022	Biotechnology—Requirements for evaluating the performance of quantification methods for nucleic acid target sequences—qPCR and dPCR	ISO 20395:2019	Equivalent		2022- 12-30
169	GB/T 42010-2022	Packaging containers—Quality requirements for milk powder can				2023-07-01
170	GB/T 42022-2022	Essential oils—Determination of water content—Karl Fischer method	ISO 11021:1999	Equivalent		2023-07-01
171	GB/T 9104-2022	Test methods for industrial stearic acids			GB/T 9104-2008	2022- 12-30
172	GB/T 15963-2022	Sodium lauryl sulfate			GB/T 15963-2008	2023-07-01
173	GB/T 25169-2022	Technical specification for monitoring livestock and poultry manure			GB/T 25169-2010	2023-07-01
174	GB/T 19363. 1-2022	Translation services—Requirements for translation services	ISO 17100:2015	Equivalent	GB/T 19363. 1-2008	2023-07-01

175	GB/T 16895. 13-2022	Low-voltage electrical installations—Part 7-701: Requirements for special installations or locations—Locations containing a bath or shower	IEC 60364-7-701:2019	Equivalent	GB/T 16895. 13-2012	2023-07-01
176	GB/T 29188-2022	Brand valuation—Multi-cycle excess earnings method			GB/T 29188-2012	2022- 12-30
177	GB/T 31280-2022	Brand valuation—Alcohol, beverage and refined tea manufacturing industry			GB/T 31280-2014	2022- 12-30
178	GB/T 27476.7-2022	Safety in testing laboratories—Part 7: Ergonomic aspects				2022- 12-30
179	GB/T 42232-2022	Brand evaluation—Diversified companies				2022- 12-30
180	GB/T 22486-2022	Service specification for urban rail passenger transport			GB/T 22486-2008	2022- 12-30
181	GB/T 33174-2022	Asset management—Management systems—Guidelines for the application of GB/T 33173	ISO 55002:2018	Equivalent	GB/T 33174-2016	2022- 12-30
182	GB/T 4352-2022	Fuel consumption for trucks in operation			GB/T 4352-2007	2022- 12-30
183	GB/T 4353-2022	Fuel consumption for passenger vehicles in operation			GB/T 4353-2007	2022- 12-30
184	GB/T 27430-2022	Role of measurement uncertainty in conformity assessment	ISO/IEC GUIDE 98-4:2012	Modified		2022- 12-30
185	GB/T 42182-2022	Financial services—Global entity legal forms (ELF)	ISO 20275:2017	Equivalent		2022- 12-30
186	GB/T 39693.8-2022	Rubber, vulcanized or thermoplastic—Determination of hardness—Part 8: Apparent hardness of rubber-covered rollers by Pusey and Jones method	ISO 48-8:2018	Equivalent		2023-04-01
187	GB/T 42161-2022	Electrochemical performance test of lithium iron phosphate—Test method for the initial discharge specific capacity and the initial efficiency				2023-04-01

188	GB/T 42162-2022	Rubber, raw—Determination of residual monomers and other volatile low-molecular-mass compounds by capillary gas chromatography—Thermal desorption (dynamic headspace) method	ISO 17052:2007	Equivalent		2023-04-01
189	GB/T 15970. 11-2022	Corrosion of metals and alloys—Stress corrosion cracking—Part 11: Guidelines for testing the resistance of metals and alloys to hydrogen embrittlement and hydrogen-assisted cracking	ISO 7539- 11:2013	Equivalent		2023-07-01
190	GB/T 42230-2022	Binding and fixing requirements for steel coils in road transport				2022- 12-30
191	GB/T 42231-2022	General requirements of multimodal passenger transportation hub				2022- 12-30
192	GB/T 42233-2022	Rapid detection—Terms and definitions				2022- 12-30
193	GB/T 42208-2022	Nanotechnologies—Measurement of nanoparticle size in multiphase system—Image method of transmission electron microscopy				2023-07-01
194	GB/T 42207.5-2022	Connectors for electronic equipment—Product requirements—Rectangular connectors—Part 5: Detail specification for rewirable power connectors with snap locking for rated voltage of 250 V d.c. and rated current of 30 A	IEC 61076-3-120:2016	Equivalent		2023-07-01
195	GB/T 42211-2022	Reinforcement method for the cotton net consolidation of decayed, fragile newspaper or periodical				2023-07-01
196	GB/T 42213-2022	Requirements for space payloads re-flight				2023-07-01
197	GB/T 42210-2022	Point to Point (P2P) signal interface for liquid crystal display panels—Electrical parameters				2023-07-01
198	GB/T 42209-2022	Point to Point (P2P) signal interface for liquid crystal display panels—Transport protocols				2023-07-01

199	GB/T 42183-2022	Technical requirements for supervising system of bus and trolleybus				2022- 12-30
200	GB/T 42185-2022	Service excellence—Principles and model	ISO 23592:2021	Equivalent		2022- 12-30
201	GB/T 42186-2022	Operational specification for cold chain logistics of medical laboratory biological samples				2022- 12-30
202	GB/T 42189-2022	Technical guidelines for satellite monitoring—Wildfire				2023-04-01
203	GB/T 42187-2022	Security and resilience—Organizational resilience—Principles and attributes	ISO 22316:2017	Equivalent		2022- 12-30
204	GB/T 42188-2022	Monthly climate prediction				2023-04-01
205	GB/T 42190-2022	Technical guidelines for satellite monitoring—Haze				2023-04-01
206	GB/T 42206-2022	General technical requirements for bagged dried noodles packaging line				2023-07-01
207	GB/T 39693.7-2022	Rubber, vulcanized or thermoplastic—Determination of hardness—Part 7: Apparent hardness of rubber-covered rollers by Shore-type durometer method	ISO 48-7:2018	Equivalent		2023-04-01
208	GB/T 42225-2022	Wheat bran				2023-07-01
209	GB/T 42228-2022	Grain storage—Technical specification for rice storage				2023-07-01
210	GB/T 42226-2022	Black waxy maize				2023-07-01
211	GB/T 22342-2022	Petroleum drilling and production equipment—Design, installation, operation, test and maintenance of subsurface safety valve systems			GB/T 22342-2008	2023-07-01
212	GB/T 13590-2022	Steel slag and granulated furnace slag portland cement			GB/T 13590-2006	2023-07-01

213	GB/T 42257-2022	Method for measuring optical and laser performance for Chromium and Erbium co-doped Yttrium Scandium Gallium Garnet laser crystal				2023-04-01
214	GB/T 12963-2022	Electronic-grade polycrystalline silicon			GB/T 12963-2014	2023-07-01
215	GB/T 7994.3-2022	Test method of glass-lined equipments—Part 3: Resistance to mechanical impact via the pistol test	ISO 4532:1991	Equivalent		2023-04-01
216	GB/T 42258-2022	Flexible cellular polymeric materials—Determination of fatigue by a constant-strain procedure	ISO 24999:2008	Modified		2023-04-01
217	GB/T 42076. 1-2022	Biotechnology—Cell counting—Part 1: General guidance on cell counting methods	ISO 20391- 1:2018	Equivalent		2022- 12-30
218	GB/T 20806-2022	Determination of neutral detergent fiber (NDF) in feeds			GB/T 20806-2006	2023-07-01
219	GB/T 23197-2022	Diagnostic techniques for avian infectious bronchitis			GB/T 23197-2008	2023-07-01
220	GB/T 11603-2022	Determination of mean diameter of wool fibres—Air permeability method	ISO 1136:2015	Modified	GB/T 11603-2006	2023-07-01
221	GB/T 19557. 13-2022	Guidelines for the conduct of tests for distinctness, uniformity and stability—Tomato (Solanum lycopersicum L.)				2023-07-01
222	GB/T 42261-2022	Metallic and other inorganic coatings—Test method of cyclic heating for thermal-barrier coatings under temperature gradient	ISO 13123:2011	Equivalent		2023-04-01
223	GB/T 42259-2022	Metallic and other inorganic coatings—Test methods for measuring thermal cycle resistance and thermal shock resistance for thermal barrier coatings	ISO 14188:2012	Modified		2023-04-01
224	GB/T 42260-2022	Electrochemical performance test of lithium iron phosphate—Test method for cycle life				2023-04-01

225	GB/T 41066.3-2022	Petroleum drilling and production equipment—Offshore semisubmersible drilling unit—Part 3: Operations and surveys				2023-07-01
226	GB/T 42265-2022	Test method for air-purification performance of photocatalytic materials—Removal of toluene	ISO 22197-3:2019	Equivalent		2023-04-01
227	GB/T 42262-2022	Metallic and other inorganic coatings—Thermal spray coordination—Tasks and responsibilities	ISO 12690:2010	Modified		2023-07-01
228	GB/T 42263-2022	Determination of nitrogen content in silicon single crystal—Secondary ion mass spectrometry method				2023-04-01
229	GB/T 42266-2022	Flexible cellular polymeric materials—Laboratory assessment of horizontal burning characteristics of small specimens subjected to a small flame	ISO 3582:2000	Equivalent		2023-04-01
230	GB/T 38812.4-2022	Direct reduced iron—Determination of metallic iron—Bromine-methanol titrimetric method	ISO 5416:2006	Modified		2023-04-01
231	GB/T 42264-2022	Technical requirements for air pollutant governance facilities of fired brick and tile industry				2023-07-01
232	GB/T 42281-2022	Hollow fiber membrane module of membrane aerated biofilm reactor				2023-07-01
233	GB/T 13079-2022	Determination of total arsenic in feeds			GB/T 13079-2006	2023-07-01
234	GB/T 33523.604-2022	Geometrical product specifications (GPS)—Surface texture: Areal—Part 604: Nominal characteristics of non-contact (coherence scanning interferometry) instruments	ISO 25178-604:2013	Equivalent		2023-04-01
235	GB/T 4966-2022	Test method for tensile strength of domestic ceramic materials			GB/T 4966- 1985	2023-07-01
236	GB/T 42272-2022	The method for determining the chloride diffusion coefficient for cement mortar				2023-04-01

237	GB/T 42267-2022	Flexible cellular polymeric materials—Determination of compression set under humid conditions	ISO 13362:2000	Equivalent		2023-04-01
238	GB/T 13477.23-2022	Test method for building sealants—Part 23: Durability to extension compression cycling under accelerated weathering	ISO 19862:2015	Modified		2023-04-01
239	GB/T 42273-2022	Methods for chemical analysis of zirconium compounds—Determination of calcium, hafnium, titanium, sodium, iron, chromium, cadmium, zinc, manganese, copper, nickel, lead contents—Inductively coupled plasma atomic emission spectrometry				2023-04-01
240	GB/T 13747.26-2022	Methods for chemical analysis of zirconium and zirconium alloys—Part 26: Determination of alloying and impurity elements content—Inductively coupled plasma atomic emission spectrometry				2023-04-01
241	GB/T 33523.603-2022	Geometrical product specifications (GPS)—Surface texture: Areal—Part 603: Nominal characteristics of non-contact (phase-shifting interferometric microscopy) instruments	ISO 25178-603:2013	Equivalent		2023-04-01
242	GB/T 33523.3-2022	Geometrical product specifications (GPS)—Surface texture: Areal—Part 3: Specification operators	ISO 25178-3:2012	Equivalent		2023-04-01
243	GB/T 26958.71-2022	Geometrical product specifications (GPS)—Filtration—Part 71: Robust areal filters—Gaussian regression filters	ISO 16610-71:2014	Equivalent		2023-04-01
244	GB/T 16857.7-2022	Geometrical product specifications (GPS)—Acceptance and reverification tests for coordinate measuring systems (CMS)—Part 7: CMMs equipped with imaging probing systems	ISO 10360-7:2011	Equivalent		2023-04-01
245	GB/T 33523.72-2022	Geometrical product specifications (GPS)—Surface texture: Areal—Part 72: XML file format x3p	ISO 25178-72:2017	Equivalent		2023-04-01

246	GB/T 16857. 10-2022	Geometrical product specifications (GPS)—Acceptance and reverification tests for coordinate measuring systems (CMS)—Part 10: Laser trackers	ISO 10360-10:2021	Equivalent		2023-04-01
247	GB/T 6104.2-2022	Industrial trucks—Vocabulary—Part 2: Fork arms and attachments	ISO 5053-2:2019	Equivalent		2022- 12-30
248	GB/T 20936. 1-2022	Gas detectors for explosive atmospheres—Part 1: Performance requirements of detectors for flammable gases	IEC 60079-29-1:2016	Modified	GB/T 20936. 1-2017	2023-07-01
249	GB/T 42093. 1-2022	Structuring of standard document—Metamodel—Part 1: Full-text				2023-07-01
250	GB/T 42093.2-2022	Structuring of standard document—Metamodel—Part 2: Technical indicators				2023-07-01
251	GB/T 42276-2022	Determination of fluorine ion and chloride ion in silicon nitride powder—Ion chromatography method				2023-04-01
252	GB/T 13477.22-2022	Test method for building sealants—Part 22: Determination of curing behaviour	ISO 19861:2015	Modified		2023-04-01
253	GB/T 42274-2022	Determination of the content and distribution of trace elements (magnesium, gallium) in aluminum nitride materials—Secondary ion mass spectrometry				2023-04-01
254	GB/T 42280-2022	Chopped basalt fibers for road asphalt mixture				2023-07-01
255	GB/T 42268-2022	Rubber, ethylene-propylene-diene (EPDM)—Evaluation procedure	ISO 4097:2020	Modified		2023-04-01
256	GB/T 42092-2022	Translation, interpreting and related technology—Vocabulary	ISO 20539:2019	Equivalent		2023-07-01
257	GB/T 42094-2022	Self-locking two lug anchor with incremental counterbore floating nuts with MJ threads for aerospace	ISO 12272:1998	Modified		2023-04-01
258	GB/T 42095-2022	Self-locking two lug anchor self-aligning floating nuts with MJ threads for aerospace	ISO 12273:2010	Modified		2023-04-01

259	GB/T 42098-2022	Self-locking single-lug anchor reduced series nuts with MJ thread for aerospace	ISO 3191:1998	Modified		2023-04-01
260	GB/T 42096-2022	Performance requirements for aircraft fire-resisting electrical cables	ISO 2155:1974	Non-equivalent		2023-04-01
261	GB/T 42097-2022	Aboveground petroleum storage depot integrity management specification				2023-04-01
262	GB/T 21241-2022	Toilet bowl and ceramic tile cleansers			GB/T 21241-2007	2023-07-01
263	GB/T 20200-2022	Sodium alpha-olefin sulfonate			GB/T 20200-2006	2023-07-01
264	GB/T 42275-2022	Hardmetals—Determination of total carbon content—High frequency combustion infrared absorption or thermal conductivity method				2023-04-01
265	GB/T 42277-2022	Test method for carbonation of cement mortar				2023-04-01
266	GB/T 42269-2022	Determination of pore size for membranes—Gas permeation method				2023-04-01
267	GB/T 42271-2022	Test method for resistivity of semi-insulating monocrystalline silicon carbide by contactless measurement				2023-04-01
268	GB/T 42270-2022	Test methods of hydrophobic characteristics for porous hydrophobic membrane				2023-04-01
269	GB/T 42099-2022	Justification methods for proposed master minimum equipment list (PM MEL) of civil aircraft				2023-04-01
270	GB/T 42105-2022	Guidance for energy management performance assessment in cement and coal industries				2023-04-01
271	GB/T 22933-2022	Leather and fur—Chemical tests—Determination of free fatty acid	ISO 4048:2018	Modified	GB/T 22933-2008	2023-07-01
272	GB/T 9473-2022	Performance requirements for table lamps for paper task			GB/T 9473-2017	2024-01-01

273	GB/T 26497-2022	Electronic balances			GB/T 26497-2011	2023-07-01
274	GB/T 2611-2022	Testing machines—General requirements			GB/T 2611-2007	2023-07-01
275	GB/T 42123-2022	Communication specialization of personal health device information				2023-07-01
276	GB/T 16850. 1-2022	Optical amplifier test methods—Part 1: Power and gain parameters for single-channel optical amplifiers	IEC 61290-1:2014, IEC 61290- 1- 1:2020, IEC 61290- 1- 2:2005, IEC 61290- 1-3:2021	Non-equivalent	GB/T 16850. 1-1997, GB/T 16850.2- 1999	2023-07-01
277	GB/T 13206-2022	Glycerines			GB/T 13206-2011	2023-07-01
278	GB/T 42239. 1-2022	Enzymes for detergent—Part 1: Alkali protease				2022- 12-30
279	GB/T 42239.2-2022	Enzymes for detergent—Part 2: Lipase				2022- 12-30
280	GB/T 42238-2022	Surface active agents—Determination of free propylene oxide content in propylene oxide adduct surfactants—GC method	ISO 19619:2018	Modified		2022- 12-30
281	GB/T 42282-2022	General requirement for traditional Chinese medicine decocting center				2023-07-01
282	GB/T 42278-2022	Rubber, vulcanized—Determination of stress in tension upon heating	ISO 12493:2017	Equivalent		2023-04-01
283	GB/T 22264.2-2022	Mounted digital display electric measuring instruments—Part 2: Special requirements for ammeters and voltmeters			GB/T 22264.2-2008	2023-07-01
284	GB/T 42138-2022	Guidelines for intelligent manufacturing capability construction for process industry				2023-07-01
285	GB/T 26237.9-2022	Information technology—Biometric data interchange formats—Part 9: Vascular image data	ISO/IEC 19794-9:2011	Modified	GB/T 26237.9-2014, GB/T 32903-2016	2023-07-01

286	GB/T 2659. 1-2022	Codes for the representation of names of countries and their subdivisions—Part 1: Country code	ISO 3166- 1:2020	Modified	GB/T 2659-2000	2023-07-01
287	GB/T 7713.2-2022	Presentation of academic papers			GB/T 7713- 1987	2023-07-01
288	GB/T 18513-2022	Names of main woods imported into China			GB/T 18513-2001	2023-07-01
289	GB/T 20453-2022	Quality grades of products for persimmon			GB/T 20453-2006	2023-07-01
290	GB/T 19367-2022	Determination of dimensions of wood-based panels	ISO 9426:2003	Modified	GB/T 19367-2009	2023-07-01
291	GB/T 24305-2022	Quality grades of products for Eucommia ulmoides			GB/T 24305-2009	2023-07-01
292	GB/T 28995-2022	Special paper for wood-based panels decoration			GB/T 28995-2012	2023-07-01
293	GB/T 17657-2022	Test methods of evaluating the properties of wood-based panels and surface decorated wood-based panels			GB/T 17657-2013	2023-07-01
294	GB/T 42279-2022	Rubber, vulcanized or thermoplastic—Determination of tension set under constant elongation, and of tension set, elongation and creep under constant tensile load	ISO 2285:2019	Equivalent		2023-04-01
295	GB/T 42240-2022	Nanotechnology—Measurement of metallic impurities in graphene powder—Inductively coupled plasma mass spectrometry				2023-07-01
296	GB/T 22731-2022	Fragrance compound			GB/T 22731-2017	2024-07-01
297	GB/T 29729-2022	Essential requirements for the safety of hydrogen systems			GB/T 29729-2013	2023-04-01
298	GB/T 42177-2022	Technical requirements and test methods for gaseous hydrogen valves used in hydrogen fuelling stations	ISO 19880-3:2018	Non-equivalent		2023-04-01
299	GB/T 42178-2022	Interface requirements for cargo egress and ingress by airlock module of space station				2023-04-01
300	GB/T 19721.4-2022	The issue of marine forecasts and warnings—Part 4: The issue of tsunami warnings				2023-04-01

301	GB/T 42179-2022	MJ thread spline-drive self-locking nuts for aerospace	ISO 9157:2002	Modified		2023-04-01
302	GB/T 42181-2022	Test method for locking torque of aviation blind fasteners, threaded type, self-locking				2023-04-01
303	GB/T 42180-2022	A286 bihexagonal head bolts with long length MJ threads for aerospace	ISO 3203:1993	Modified		2023-04-01
304	GB/T 42195-2022	Specification for ability assessment of older adults				2022- 12-30
305	GB/T 42151.5-2022	Communication networks and systems for power utility automation—Part 5: Communication requirements for functions and device models	IEC 61850-5:2013	Equivalent		2023-07-01
306	GB/T 42150. 1-2022	Test specification for on-site protection equipment—Part 1: General part				2023-07-01
307	GB/T 42152-2022	General specification for remanufacturing of used office consumables and spare parts				2023-07-01
308	GB/T 42154-2022	Technical guideline for power quality monitoring in distribution network				2023-07-01
309	GB/T 42149-2022	Railway application—Fixed installations—Technical specification for current protection of medium voltage power supply system based on digital communication				2023-07-01
310	GB/T 20002.6-2022	Guidelines for writing special aspects in standards—Part 6:Addressing the needs of micro, small and medium-sized enterprises	ISO/IEC Guide 17:2016	Modified		2023-07-01
311	GB/T 42148-2022	Railway application—Fixed installations—D.C measurement, control and protection devices				2023-07-01
312	GB/T 17626. 19-2022	Electromagnetic compatibility—Testing and measurement techniques—Part 19: Test for immunity to conducted, differential mode disturbances and signalling in the frequency range 2 kHz to 150 kHz at a.c. power ports	IEC 61000-4-19:2014	Modified		2023-07-01

313	GB/T 17799.7-2022	Electromagnetic compatibility—Generic standards—Part 7: Immunity requirements for equipment intended to perform functions in a safety-related system (functional safety) in industrial locations	IEC 61000-6-7:2014	Modified		2023-07-01
314	GB/Z 42153-2022	Code of practice of testing of pre-prototype devices of wave energy converters	IEC TS 62600-103:2018	Modified		2023-07-01
315	GB/T 42109-2022	Implementation guidelines for supply chain asset management system				2022- 12-30
316	GB/T 42184-2022	Terminology of freight intermodal transport				2022- 12-30
317	GB/T 42112-2022	Index systems for capability evaluation of asset management in lodging industry				2022- 12-30
318	GB/T 42086.2-2022	Connections for hydraulic fluid power—Flange connections—Part 2: Series of 42 MPa, DN13 to DN76	ISO 6162-2:2018	Modified		2022- 12-30
319	GB/T 19256.5-2022	Electronic business extensible markup language (ebXML)—Part 5: Core components specification	ISO 15000-5:2014	Equivalent	GB/T 19256.9-2006	2023-07-01
320	GB/T 26863-2022	Terminology of monitoring and control system of thermal power station			GB/T 26863-2011	2023-07-01
321	GB/T 42147-2022	Metadata for webpage electronic document of government website				2023-07-01
322	GB/T 18802.352-2022	Components for low-voltage surge protection—Part 352: Selection and application principles for telecommunications and signalling network surge isolation transformers (SITs)	IEC 61643-352:2018	Equivalent		2023-07-01
323	GB/T 14392. 1-2022	Layout key for international trade documents—Part 1: Paper-based documents	ISO 6422- 1:2010	Modified	GB/T 14392-2009	2023-07-01

324	GB/T 25915. 13-2022	Cleanrooms and associated controlled environments—Part 13: Cleaning of surfaces to achieve defined levels of cleanliness in terms of particle and chemical classifications	ISO 14644-13:2017	Equivalent		2023-07-01
325	GB/T 25915. 15-2022	Cleanrooms and associated controlled environments—Part 15: Assessment of suitability for use of equipment and materials by airborne chemical concentration	ISO 14644-15:2017	Equivalent		2023-07-01
326	GB/T 16895.22-2022	Low-voltage electrical installations—Part 5-53: Selection and erection of electrical equipment—Devices for protection for safety, isolation, switching, control and monitoring	IEC 60364-5-53:2020	Modified	GB/T 16895.22-2004, GB/T 16895.4- 1997	2023-07-01
327	GB/T 25915. 14-2022	Cleanrooms and associated controlled environments—Part 14: Assessment of suitability for use of equipment by airborne particle concentration	ISO 14644-14:2016	Equivalent		2023-07-01
328	GB/Z 42192-2022	Smart community Infrastructures— Principles and requirements for performance metrics	ISO/TS 37151:2015	Modified		2022- 12-30
329	GB/T 42205-2022	General principle of black garlic quality				2023-07-01
330	GB/T 16145-2022	Gamma-ray spectrometry method for the determination of radionuclides in environmental and biological samples			GB/T 11743-2013, GB/T 16140-2018, GB/T 16145-2020	2023-07-01
331	GB/T 3730. 1-2022	Terms and definitions of motor vehicles, trailers and combination vehicle—Part 1: Types			GB/T 3730. 1-2001	2023-07-01
332	GB/T 13043-2022	Bus engineering approval evaluation program			GB/T 13043-2006	2023-07-01
333	GB/T 25977-2022	Snow removal vehicle			GB/T 25977-2010	2023-07-01
334	GB/T 4570-2022	Test method of durability for motorcycles and mopeds			GB/T 4570-2008	2023-07-01
335	GB/T 12782-2022	Requirement and test method of heating performance for motor vehicle			GB/T 12782-2007	2023-07-01

336	GB/T 22264.7-2022	Mounted digital display electric measuring instruments—Part 7: Special requirements for multi-function instruments			GB/T 22264.7-2008	2023-07-01
337	GB/T 22264.8-2022	Mounted digital display electric measuring instruments—Part 8: Test methods			GB/T 22264.8-2009	2023-07-01
338	GB/T 22264.6-2022	Mounted digital display electric measuring instruments—Part 6: Special requirements for insulation resistance meters			GB/T 22264.6-2009	2023-07-01
339	GB/T 22264.5-2022	Mounted digital display electric measuring instruments—Part 5: Special requirements for phase meters and power factor meters			GB/T 22264.5-2008	2023-07-01
340	GB/T 41903.2-2022	Information technology—Object oriented BioAPI—Part 2: Java implementation	ISO/IEC 30106-2:2020	Modified		2023-07-01
341	GB/Z 17215.652-2022	Electricity metering data exchange—The DLMS/COSEM suite—Part 52: Communication protocols management distribution line message specification (DLMS) server	IEC TS 62056-52:1998	Equivalent		2023-07-01
342	GB/T 41903.3-2022	Information technology—Object oriented BioAPI—Part 3: C# implementation	ISO/IEC 30106-3:2020	Modified		2023-07-01
343	GB/T 42127-2022	Intelligent manufacturing—Industrial data—Collection specification				2023-07-01
344	GB/T 42243-2022	General technical specification for organic light emitting diode (OLED) television				2023-07-01
345	GB/T 42241-2022	Nanotechnology—Determination of [60]/[70] fullerene purity—High performance liquid chromatography				2023-07-01
346	GB/Z 42246-2022	Nanotechnologies—Guideline on genotoxicity test methods for nanomaterials				2023-07-01

347	GB/T 42242-2022	Space environment— Evaluation of radiation effects on Commercial- Off- The- Shelf (COTS) parts for use on low-orbit satellite	ISO 21980:2020	Modified		2023-07-01
348	GB/T 19557.25-2022	Guidelines for the conduct of tests for distinctness, uniformity and stability— Cucumber (<i>Cucumis sativus</i> L.)				2023-07-01
349	GB/T 19557.27-2022	Guidelines for the conduct of tests for distinctness, uniformity and stability— Watermelon (<i>Citrullus lanatus</i> (Thunb.) Matsum. et Nakai)				2023-07-01
350	GB/T 19557.29-2022	Guidelines for the conduct of tests for distinctness, uniformity and stability— Cabbage (<i>Brassica oleracea</i> L. var. <i>capitata</i> and <i>B. oleracea</i> L. var. <i>rubra</i> DC.)				2023-07-01
351	GB/T 19557. 18-2022	Guidelines for the conduct of tests for distinctness, uniformity and stability— Cotton (<i>Gossypium hirsutum</i> L. & <i>Gossypium barbadense</i> L.)				2023-07-01
352	GB/T 19557.6-2022	Guidelines for the conduct of tests for distinctness, uniformity and stability— Ramie (<i>Boehmeria nivea</i> L.)			GB/T 19557.6-2004	2023-07-01
353	GB/T 19557. 17-2022	Guidelines for the conduct of tests for distinctness, uniformity and stability— Capsicum (<i>Capsicum annuum</i> L.)				2023-07-01
354	GB/T 42198-2022	Intelligent manufacturing— Mass customization—Demand interaction requirement				2023-07-01
355	GB/T 42197-2022	Specifications for description of video and image content metadata of internet of things of public security				2022- 12-30
356	GB/T 42199-2022	Intelligent manufacturing— Mass customization—Design requirement				2023-07-01
357	GB/T 42196-2022	Technical requirements for video and image metadata analysis of internet of things of public security				2023-07-01

358	GB/T 42130-2022	Intelligent manufacturing— Industry big data system functional requirement				2023-07-01
359	GB/T 42128-2022	Intelligent Manufacturing— Industrial data—Classification principle				2023-07-01
360	GB/T 42129-2022	Maturity assessment method for data management capability				2023-07-01
361	GB/T 42132. 1-2022	Information technology— Machine readable test data for biometric testing and reporting—Part 1: Test reports	ISO/IEC 29120-1:2015	Equivalent		2023-07-01
362	GB/T 42135-2022	Intelligent manufacturing— Technical requirements for multi-modal data fusion				2023-07-01
363	GB/T 42140-2022	Information technology— Cloud computing—Cloud operating system performance test metrics and measurement method				2023-07-01
364	GB/T 42137-2022	Guidelines for intelligent manufacturing capability construction for discrete industry				2023-07-01
365	GB/T 42136-2022	Intelligent manufacturing— Remote maintenance system general requirements				2023-07-01
366	GB/T 42163. 1-2022	Monomer casting polyamide pulleys—Part 1: Elevator pulleys				2023-07-01
367	GB/T 42165-2022	Leather—Tests for colour fastness—Colour fastness to perspiration	ISO 11641:2012	Modified		2023-07-01
368	GB/Z 42245-2022	Space environment— Operational estimation of the solar wind energy input into the Earth's magnetosphere by means of the ground-based magnetic polar cap (PC) index	ISO/TR 23989:2020	Equivalent		2023-07-01
369	GB/T 42200-2022	Intelligent manufacturing— Mass customization— Production requirement				2023-07-01
370	GB/T 42202-2022	Intelligent manufacturing— Mass customization—General requirement				2023-07-01

371	GB/T 23970-2022	General quality for pot-roast egg			GB/T 23970-2009	2024-07-01
372	GB/T 20711-2022	General quality for cooked cured ham			GB/T 20711-2006	2024-07-01
373	GB/T 23493-2022	General quality for Chinese sausage			GB/T 23493-2009	2024-07-01
374	GB/T 42118-2022	Construction specification for the system of straw collection, storage and transportation				2023-07-01
375	GB/T 42110-2022	Cork—Vocabulary	ISO 633:2019	Modified		2023-07-01
376	GB/T 1927.21-2022	Test methods for physical and mechanical properties of small clear wood specimens—Part 21: Determination of nail and screw holding power	ISO 9087:1998	Modified	GB/T 14018-2009	2022- 12-30
377	GB/T 42120-2022	Frozen mutton roll				2023-07-01
378	GB/T 42111-2022	Low impact development stormwater management and harvest—Specification for facility operation and maintenance				2022- 12-30
379	GB/T 42119-2022	Livestock and poultry slaughtering and processing equipment—Poultry carcass spiral chilling equipment				2023-07-01
380	GB/T 42121-2022	Livestock and poultry slaughtering and processing equipment—Conveyor equipment for poultry slaughtering and processing				2023-07-01
381	GB/T 42229-2022	Guidelines for classification of rural recyclable waste				2023-07-01
382	GB/T 42247-2022	Water reuse guidelines—Benefits evaluation of reclaimed water use				2023-04-01
383	GB/T 18916.64-2022	Norm of water intake—Part 64: Building and sanitary ceramics				2023-04-01
384	GB/T 31392-2022	Technical guidance for the utilization of coal mine water			GB/T 31392-2015	2023-04-01

385	GB/T 42236.1-2022	Electric bicycles centralized charging facilities—Part 1: Technical specification				2023-07-01
386	GB/T 42193.2-2022	Road vehicles—Communication between vehicle and external equipment for emissions-related diagnostics—Part 2: Guidance on terms, definitions, abbreviations and acronyms	ISO 15031-2:2010	Equivalent		2023-07-01
387	GB/T 42248-2022	Soil and stream sediment—Determination of iodine and bromine content—Decomposition by sintering inductively coupled plasma mass spectrometry				2023-04-01
388	GB/T 42249-2022	Codes for comprehensive utilization of mineral resources				2023-04-01
389	GB/T 42254-2022	Sea ice grade of Bohai Sea and Northern Yellow Sea				2023-04-01
390	GB/T 42253-2022	Code of practice for monitoring of island vegetation cover and utilization				2023-04-01
391	GB/T 42251-2022	Technical regulations for ecological restoration of mining subsidence area				2023-04-01
392	GB/T 42252-2022	Test method for torque and preload of aviation threaded collars				2023-04-01
393	GB/T 42255-2022	Procurement specification of corrosion-resisting steel solid rivets for aerospace	ISO 12289:2016	Modified		2023-04-01
394	GB/T 14352.24-2022	Methods for chemical analysis of tungsten ores and molybdenum ores—Part 24: Determination of germanium content—Inductively coupled plasma mass spectrometry				2023-04-01
395	GB/T 42256-2022	Determination of ruthenium-106 in seawater—Gamma spectrometry				2023-04-01
396	GB/T 26751-2022	Ground granulated electric furnace phosphorous slag powder used for cement and concrete			GB/T 26751-2011	2023-07-01

397	GB/T 31049-2022	Petroleum drilling and production equipment—Top drive system			GB/T 31049-2014	2023-07-01
398	GB/T 8750-2022	Gold-based bonding wire and bandlet for semiconductor package			GB/T 8750-2014	2023-07-01
399	GB/T 5275.2-2022	Gas analysis—Preparation of calibration gas mixtures using dynamic methods—Part 2: Piston pumps	ISO 6145-2:2014	Equivalent	GB/T 5275.2-2014	2023-07-01
400	GB/T 33057-2022	Methods for sampling and sample preparation of waste chemicals			GB/T 33057-2016	2023-07-01
401	GB/T 31092-2022	Monocrystalline sapphire bar			GB/T 31092-2014	2023-07-01
402	GB/T 13575.2-2022	Classical and narrow V-belt drives—Part 2: Effective system			GB/T 13575.2-2008	2023-07-01
403	GB/T 27977-2022	Test and calculation methods of electricity efficiency in cement production			GB/T 27977-2011	2023-07-01
404	GB/T 30918-2022	Non-oil-extended solution polymerized isoprene rubber (IR)—Evaluation procedures	ISO 2303:2019	Modified	GB/T 30918-2014	2023-07-01
405	GB/T 2847-2022	Pozzolanic materials used for cement production	ISO 863:2008	Non-equivalent	GB/T 2847-2005	2023-07-01
406	GB/T 18958-2022	Hardly flammable medium density fiberboard			GB/T 18958-2013	2023-07-01
407	GB/T 5532-2022	Animal and vegetable fats and oils—Determination of iodine value	ISO 3961:2018	Equivalent	GB/T 5532-2008	2023-07-01
408	GB/T 17814-2022	Determination of butyl hydroxy anisole, dibutyl hydroxy toluene, tertiary butyl hydroquinone, ethoxyquin and propyl gallate in feeds			GB/T 17814-2011	2023-07-01
409	GB/T 13081-2022	Determination of mercury in feeds			GB/T 13081-2006	2023-07-01
410	GB/T 21675-2022	Diagnostic techniques for African horse sickness			GB/T 21675-2008	2023-07-01
411	GB/T 14536. 10-2022	Automatic electrical controls—Part 10: Particular requirements for temperature sensing control	IEC 60730-2-9:2015	Equivalent	GB/T 14536. 10-2008	2023-07-01

412	GB/T 14536. 1-2022	Automatic electrical controls—Part 1: General requirements	IEC 60730- 1:2013	Equivalent	GB/T 14536. 1-2008	2023-07-01
413	GB/T 14536.3-2022	Automatic electrical controls—Part 3: Particular requirements for thermal motor protectors	IEC 60730-2-22:2014	Equivalent	GB/T 14536.3-2008, GB/T 14536.5-2008	2023-07-01
414	GB/T 14536. 15-2022	Automatic electrical controls—Part 15: Particular requirements for humidity sensing control	IEC 60730-2-13:2017	Modified	GB/T 14536. 15-2008	2023-07-01
415	GB/T 14536.6-2022	Automatic electrical controls—Part 6: Particular requirements for automatic electrical burner control systems	IEC 60730-2-5:2013	Modified	GB/T 14536.6-2008	2023-07-01
416	GB/T 14536. 13-2022	Automatic electrical controls—Part 13: Particular requirements for electrically operated door locks	IEC 60730-2-12:2015	Equivalent	GB/T 14536. 13-2008	2023-07-01
417	GB/T 42286.2-2022	Electronic railway equipment—On board driving data recording—Part 2: Conformity testing	IEC 62625-2:2016	Modified		2023-07-01
418	GB/T 42286. 1-2022	Electronic railway equipment—On board driving data recording—Part 1: Technical specification	IEC 62625- 1:2013	Modified		2023-07-01
419	GB/Z 42285-2022	Road vehicles—ASIL determination guidelines for electrical and electronic system				2023-07-01
420	GB/T 34590.9-2022	Road vehicles—Functional safety—Part 9: Automotive safety integrity level (ASIL)-oriented and safety-oriented analyses	ISO 26262-9:2018	Modified	GB/T 34590.9-2017	2023-07-01
421	GB/T 42193. 1-2022	Road vehicles—Communication between vehicle and external equipment for emissions-related diagnostics—Part 1: General information and use case definition	ISO 15031- 1:2010	Equivalent		2023-07-01
422	GB/T 34590. 11-2022	Road vehicles—Functional safety—Part 11: Guidelines on applications to semiconductors	ISO 26262-11:2018	Modified		2023-07-01
423	GB/T 34590. 12-2022	Road vehicles—Functional Safety—Part 12: Adaptation for motorcycles	ISO 26262-12:2018	Modified		2023-07-01

424	GB/T 34590.6-2022	Road vehicles—Functional safety—Part 6: Product development at the software level	ISO 26262-6:2018	Modified	GB/T 34590.6-2017	2023-07-01
425	GB/T 34590.8-2022	Road vehicles—Functional safety—Part 8: Supporting processes	ISO 26262-8:2018	Modified	GB/T 34590.8-2017	2023-07-01
426	GB/T 2820.8-2022	Reciprocating internal combustion engine driven alternating current generating sets—Part 8: Requirements and tests for low-power generating sets	ISO 8528-8:2016	Equivalent	GB/T 2820.8-2002	2023-07-01
427	GB/T 29307-2022	Reliability test methods of drive motor system for electric vehicles			GB/T 29307-2012	2023-07-01
428	GB/T 42289-2022	Leisure accommodation vehicle—Safety general requirements for the residential electric system				2023-07-01
429	GB/T 42288-2022	Safety code of electrochemical energy storage station				2023-07-01
430	GB/T 25441-2022	The motors for vacuum cleaners			GB/T 25441-2010	2023-07-01
431	GB/T 15166.5-2022	High-voltage alternating-current fuse—Part 5: Application directives for high-voltage fuse-links for motor circuit	IEC 60644:2019	Modified	GB/T 15166.5-2008	2023-07-01
432	GB/T 42293-2022	Specification for intellectual property protection of commodity trading markets				2023-07-01
433	GB/T 9225-2022	Application guidelines of reliability analysis in nuclear power generating station systems and other nuclear facilities			GB/T 9225-1999	2023-07-01
434	GB/T 8128-2022	Test methods for single-phase series motors			GB/T 8128-2008	2023-07-01
435	GB/T 42287-2022	High-voltage test techniques—Measurement of partial discharges by electromagnetic and acoustic methods	IEC TS 62478:2016	Equivalent		2023-07-01

436	GB/T 6113.402-2022	Specification for radio disturbance and immunity measuring apparatus and methods—Part 4-2: Uncertainties, statistics and limit modelling—Measurement instrumentation uncertainty	CISPR 16-4-2:2018	Equivalent	GB/T 6113.402-2018	2023-07-01
437	GB/T 42300-2022	Specification for safety risk assessment of fine chemical reactions				2022- 12-30
438	GB/T 42078-2022	Guidelines for the development and construction of chemical industry park				2022- 12-30
439	GB/T 3565.5-2022	Safety requirements for bicycles—Part 5: Steering test methods	ISO 4210-5:2014	Modified		2023- 10-01
440	GB/T 3565.7-2022	Safety requirements for bicycles—Part 7: Wheel and rim test methods	ISO 4210-7:2014	Modified		2023- 10-01
441	GB/T 3565.9-2022	Safety requirements for bicycles—Part 9: Saddle and seat-post test methods	ISO 4210-9:2014	Modified		2023- 10-01
442	GB/T 3565.6-2022	Safety requirements for bicycles—Part 6: Frame and fork test methods	ISO 4210-6:2015	Modified		2023- 10-01
443	GB/T 3565.8-2022	Safety requirements for bicycles—Part 8: Pedal and drive system test methods	ISO 4210-8:2014	Modified		2023- 10-01
444	GB/T 3565.3-2022	Safety requirements for bicycles—Part 3: Common test methods	ISO 4210-3:2014	Equivalent		2023- 10-01
445	GB/T 42227-2022	Germ-remained milled rice				2023-07-01
446	GB/T 42237-2022	General quality for egg powder				2023-07-01
447	GB/T 42235-2022	General quality for liquid egg				2023-07-01
448	GB/T 23492-2022	General quality for bacon			GB/T 23492-2009	2024-07-01
449	GB/T 22699-2022	General quality of puffed food			GB/T 22699-2008	2024-07-01

450	GB/T 42214-2022	Space environment—Model of high energy radiation at low altitudes (300 km~600 km)	ISO 17761:2015	Modified		2023-07-01
451	GB/T 42219-2022	Optical measurement of high-power LED				2023-07-01
452	GB/T 42223-2022	Textiles—Tests for colour fastness—Colour fastness to rubbing—Gakushin test method	ISO 105-X19:2020	Modified		2023-07-01
453	GB/T 42220-2022	Appraisal for precious metal besetting jades process quality				2023-07-01
454	GB/T 42080. 1-2022	Molecular in vitro diagnostic examinations—Specifications for pre-examination processes for frozen tissue—Part 1: Isolated RNA	ISO 20184- 1:2018	Equivalent		2023-07-01
455	GB/Z 42217-2022	Medical device—Validation of software for medical device quality system	ISO/TR 80002-2:2017	Modified		2024-01-01
456	GB/T 42216. 1-2022	Molecular in vitro diagnostic examinations—Specifications for pre-examination processes for formalin-fixed and paraffin-embedded (FFPE) tissue—Part 1: Isolated RNA	ISO 20166- 1:2018	Equivalent		2023-07-01
457	GB/T 42216.2-2022	Molecular in vitro diagnostic examinations—Specifications for pre-examination processes for formalin-fixed and paraffin-embedded (FFPE) tissue—Part 2: Isolated proteins	ISO 20166-2:2018	Equivalent		2023-07-01
458	GB/T 42216.3-2022	Molecular in vitro diagnostic examinations—Specifications for pre-examination processes for formalin-fixed and paraffin-embedded (FFPE) tissue—Part 3: Isolated DNA	ISO 20166-3:2018	Equivalent		2023-07-01
459	GB/T 42218-2022	Clinical laboratory medicine—In vitro diagnostic medical devices—Validation of user quality control procedures by the manufacturer	ISO 15198:2004	Modified		2023-07-01
460	GB/T 42224-2022	Footwear—Attachment strength of straps, trims and accessories	ISO 24263:2020	Modified		2023-07-01
461	GB/T 42222-2022	Laboratory glassware—Testing method and classification of optical uniformity				2023-07-01

462	GB/T 42221-2022	Jewelry—Consumer confidence in the diamond industry	ISO 18323:2015	Modified		2023-07-01
463	GB/T 33061. 11-2022	Plastics—Determination of dynamic mechanical properties—Part 11: Glass transition temperature	ISO 6721- 11:2019	Modified		2023-04-01
464	GB/T 42122-2022	Rubber, vulcanized or thermoplastic—Determination of abrasion resistance (the method of Improved Lambourn test machine)	ISO 23337:2016	Modified		2023-04-01
465	GB/T 26416.4-2022	Chemical analysis method for rare earth ferroalloy—Part 4: Determination of iron content—Potassium dichromate titration			GB/T 26416.4-2010	2023-07-01
466	GB/T 3459-2022	Tungsten bars			GB/T 3459-2006	2023-07-01
467	GB/T 5568-2022	Rubber or plastics hoses and hose assemblies—Hydraulic-pressure impulse test without flexing	ISO 6803:2017	Equivalent	GB/T 5568-2013	2023-07-01
468	GB/T 3954-2022	Aluminium and aluminium alloys rod for electrical purpose			GB/T 3954-2014, GB/T 29920-2013	2023-07-01
469	GB/T 41951-2022	Corrosion of metals and alloys—Test method for the corrosion resistance of construction steel joint and member				2023-07-01
470	GB/T 20899.8-2022	Methods for chemical analysis of gold ores—Part 8: Determination of sulfur content			GB/T 20899.8-2007	2023-07-01
471	GB/T 26416. 1-2022	Chemical analysis methods for rare earth ferroalloy—Part 1: Determination of total rare earth content			GB/T 26416. 1-2010	2023-07-01
472	GB/T 26416.2-2022	Chemical analysis method for rare earth ferroalloy—Part 2: Determination of rare earth impurity contents—Inductively coupled plasma emission spectrometry			GB/T 26416.2-2010	2023-07-01
473	GB/T 41967-2022	Anisotropic neodymium iron boron permanent magnetic powder				2023-07-01

474	GB/T 41968-2022	Treatment and disposal methods for emulsifying waste liquid				2023-07-01
475	GB/T 41950-2022	Metallic coatings—Electroplated coatings of zinc and zinc alloys on iron or steel with supplementary Cr (VI)-free treatment	ISO 19598:2016	Modified		2023-07-01
476	GB/T 25857-2022	Low ambient temperature air source multi-connected heat pump (air-conditioning) unit			GB/T 25857-2010	2023-07-01
477	GB/T 3228-2022	Assembly tools for screws and nuts—Dimensions of machine-operated “impact” square drive sockets	ISO 2725-2:2017	Equivalent	GB/T 3228-2009	2023-07-01
478	GB/T 8333-2022	Plastic—Test method for flammability of rigid cellular plastic—Vertical burning method			GB/T 8333-2008	2023-07-01
479	GB/T 11942-2022	Test method of chroma for colour building materials			GB/T 11942- 1989	2023-07-01
480	GB/T 41974. 1-2022	Plastics—Color masterbatch—Part 1: Designation system and basis for specifications				2023-07-01
481	GB/T 14885-2022	Basic classification and codes of fixed assets and other assets			GB/T 14885-2010	2022- 12-30
482	GB/T 16711-2022	Banking—Banking telecommunication messages—Business identifier code (BIC)	ISO 9362:2022	Equivalent	GB/T 16711- 1996	2022- 12-30
483	GB/T 12406-2022	Codes for the representation of currencies	ISO 4217:2015	Modified	GB/T 12406-2008	2022- 12-30
484	GB/T 21079.2-2022	Financial services—Secure cryptographic devices (retail)—Part 2: Security compliance checklists for devices used in financial transactions	ISO 13491-2:2017	Modified	GB/T 20547.2-2006	2022- 12-30
485	GB/T 21079. 1-2022	Financial services—Secure cryptographic devices (retail)—Part 1: Concepts, requirements and evaluation methods	ISO 13491- 1:2016	Modified	GB/T 21079. 1-2011	2022- 12-30
486	GB/T 17714-2022	Quality general rules of beer keg			GB/T 17714- 1999	2024-01-01

487	GB/T 9985-2022	Detergents for hand dishwashing			GB/T 9985-2000	2024-01-01
488	GB/Z 16886.22-2022	Biological evaluation of medical devices—Part 22: Guidance on nanomaterials	ISO/TR 10993-22:2017	Equivalent		2024-01-01
489	GB/T 42080.2-2022	Molecular in vitro diagnostic examinations—Specifications for pre-examination processes for frozen tissue—Part 2: Isolated proteins	ISO 20184-2:2018	Equivalent		2023-07-01
490	GB/T 16886. 19-2022	Biological evaluation of medical devices— Part 19: Physico-chemical, morphological and topographical characterization of materials	ISO/TS 10993-19:2020	Equivalent	GB/T 16886. 19-2011	2024-01-01
491	GB/T 16886. 18-2022	Biological evaluation of medical devices—Part 18: Chemical characterization of medical device materials within a risk management process	ISO 10993-18:2020	Equivalent	GB/T 16886. 18-2011	2024-01-01
492	GB/T 42081-2022	Basic data element of volunteer service				2022- 12-30
493	GB/T 9253-2022	Petroleum and natural gas industries—Threading, gauging and thread inspection of casing, tubing, and line pipe threads			GB/T 9253.2-2017	2023-04-01
494	GB/T 31710.5-2022	Standard of construction and service for recreational campground—Part 5: Camping park				2022- 12-30
495	GB/T 29165.2-2022	Petroleum and natural gas industries—Glass-reinforced plastics (GRP) piping—Part 2: Qualification and manufacture	ISO 14692-2:2017	Equivalent	GB/T 29165.2-2012	2023-04-01
496	GB/T 20657-2022	Petroleum and natural gas industries—Formulae and calculations for the properties of casing, tubing, drill pipe and line pipe used as casing or tubing	ISO/TR 10400:2018	Modified	GB/T 20657-2011	2023-04-01
497	GB/T 254-2022	Semi-refined paraffin wax			GB/T 254-2010	2023-04-01

498	GB/T 42212-2022	Nanomaterials—Preparation of material safety data sheet (MSDS)	ISO/TR 13329:2012	Equivalent		2023-07-01
499	GB/Z 42215-2022	Document management—Environmental and work place safety regulations affecting microfilm processors	ISO/TR 18159:2015	Modified		2023-07-01
500	GB/T 34590. 10-2022	Road vehicles—Functional safety—Part 10: Guideline	ISO 26262-10:2018	Modified	GB/T 34590. 10-2017	2023-07-01
501	GB/T 42193.3-2022	Road vehicles—Communication between vehicle and external equipment for emissions-related diagnostics—Part 3: Diagnostic connector and related electrical circuits: Specification and use	ISO 15031-3:2016	Equivalent		2023-07-01
502	GB/T 13958-2022	Test methods for small power permanent magnet synchronous motors			GB/T 13958-2008, GB/T 22672-2008	2023-07-01
503	GB/T 42193.4-2022	Road vehicles—Communication between vehicle and external equipment for emissions-related diagnostics—Part 4: External test equipment	ISO 15031-4:2014	Equivalent		2023-07-01
504	GB/T 42193.7-2022	Road vehicles—Communication between vehicle and external equipment for emissions-related diagnostics—Part 7: Data link security	ISO 15031-7:2013	Equivalent		2023-07-01
505	GB/T 17215.323-2022	Electricity metering equipment (AC)—Particular requirements—Part 23: Static meters for reactive energy (classes 2 and 3)	IEC 62053-23:2020	Modified	GB/T 17215.323-2008	2023-07-01
506	GB/T 17215.324-2022	Electricity metering equipment (AC)—Particular requirements—Part 24: Static meters for fundamental component reactive energy (classes 0, 5S, 1S, 1, 2 and 3)	IEC 62053-24:2020	Modified	GB/T 17215.324-2017	2023-07-01
507	GB/T 42284. 1-2022	Road vehicles—Environmental conditions and testing for electrical and electronic equipment for drive system of electric propulsion vehicles—Part 1: General	ISO 19453- 1:2018	Modified		2023-07-01

508	GB/T 42284.3-2022	Road vehicles—Environmental conditions and testing for electrical and electronic equipment for drive system of electric propulsion vehicles—Part 3: Mechanical loads	ISO 19453-3:2018	Modified		2023-07-01
509	GB/T 17215.675-2022	Electricity metering data exchange—The DLMS/COSEM suite—Part 75: Local data transmission profiles for local networks (LN)	IEC 62056-7-5:2016	Equivalent		2023-07-01
510	GB/T 42284.5-2022	Road vehicles—Environmental conditions and testing for electrical and electronic equipment for drive system of electric propulsion vehicles—Part 5: Chemical loads	ISO 19453-5:2018	Modified		2023-07-01
511	GB/T 42284.4-2022	Road vehicles—Environmental conditions and testing for electrical and electronic equipment for drive system of electric propulsion vehicles—Part 4: Climatic loads	ISO 19453-4:2018	Modified		2023-07-01
512	GB/T 42290-2022	Analysis and control specifications for airborne radioactive source term of pressurized water reactor nuclear power plant				2023-07-01
513	GB/T 42291-2022	Radiation protection design criterion for doors and windows in controlled area of pressurized water reactor nuclear power plant				2023-07-01
514	GB/T 42292-2022	Occupational exposure dose assessment of pressurized water reactor nuclear power plant				2023-07-01
515	GB/T 2820. 1-2022	Reciprocating internal combustion engine driven alternating current generating sets—Part 1: Application, ratings and performance	ISO 8528- 1:2018	Equivalent	GB/T 2820. 1-2009	2023-07-01
516	GB/T 28181-2022	Technical requirements for information transmission, switch and control in video surveillance networking system for public security			GB/T 28181-2016	2023-07-01
517	GB/T 3565.4-2022	Safety requirements for bicycles—Part 4: Braking test methods	ISO 4210-4:2014	Modified		2023- 10-01

518	GB/T 42159-2022	Titanium and titanium alloy bars and wires for fastener				2023-07-01
519	GB/T 42160-2022	Grain boundary diffusion neodymium iron boron permanent magnet materials				2023-07-01
520	GB/T 18103-2022	Engineered wood flooring			GB/T 18103-2013	2023-07-01
521	GB/T 34590.4-2022	Road vehicles—Functional safety—Part 4: Product development at the system level	ISO 26262-4:2018	Modified	GB/T 34590.4-2017	2023-07-01
522	GB/T 34590.5-2022	Road vehicles—Functional safety—Part 5: Product development at the hardware level	ISO 26262-5:2018	Modified	GB/T 34590.5-2017	2023-07-01
523	GB/T 34590.3-2022	Road vehicles—Functional safety—Part 3: Concept phase	ISO 26262-3:2018	Modified	GB/T 34590.3-2017	2023-07-01
524	GB/T 24554-2022	Performance test methods for fuel cell system			GB/T 24554-2009	2023-07-01
525	GB/T 34590.7-2022	Road vehicles—Functional safety—Part 7: Production, operation, service and decommissioning	ISO 26262-7:2018	Modified	GB/T 34590.7-2017	2023-07-01
526	GB/T 34590. 1-2022	Road vehicles—Functional safety—Part 1: Vocabulary	ISO 26262- 1:2018	Modified	GB/T 34590. 1-2017	2023-07-01
527	GB/T 25308-2022	DC filters for high voltage direct current (HVDC) transmission system			GB/T 25308-2010	2023-07-01
528	GB/T 34590.2-2022	Road vehicles—Functional safety—Part 2: Management of functional safety	ISO 26262-2:2018	Modified	GB/T 34590.2-2017	2023-07-01
529	GB/T 23608-2022	Recycled platinum groups metal raw materials			GB/T 23608-2009	2023-07-01
530	GB/T 12690. 1-2022	Chemical analysis methods for non-rare earth impurities of rare earth metals and their oxides—Part 1: Determination of carbon and sulfur contents—High frequency-infrared absorption method			GB/T 12690. 1-2015	2023-07-01
531	GB/T 15531-2022	Belt drives—Pulleys—Limiting values for adjustment of centers	ISO 155:2019	Modified	GB/T 15531-2008	2023-07-01

532	GB/T 26416.3-2022	Chemical analysis methods for rare earth ferroalloy—Part 3: Determination of calcium, magnesium, aluminium, nickel and manganese contents—Inductively coupled plasma emission spectrometry			GB/T 26416.3-2010	2023-07-01
533	GB/T 18750-2022	Municipal solid waste incinerator and heat recovery boiler			GB/T 18750-2008	2023-07-01
534	GB/T 3396-2022	Determination of trace oxygen in ethylene and propylene for industrial use—Electrochemical method			GB/T 3396-2002	2023-07-01
535	GB/T 26727-2022	Recycling indium material			GB/T 26727-2011	2023-07-01
536	GB/T 26416.5-2022	Chemical analysis method for rare earth ferroalloy—Part 5: Determination of oxygen content—Impulse-infrared absorption method			GB/T 26416.5-2010	2023-07-01
537	GB/T 5073-2022	Refractory products—Determination of creep in compression	ISO 3187:1989	Modified	GB/T 5073-2005	2023-07-01
538	GB/T 30923-2022	Plastics—Polypropylene (PP) materials for meltblown			GB/T 30923-2014	2023-07-01
539	GB/T 22530-2022	Safety requirements for rubber and plastics injection moulding machines	ISO 20430:2020	Modified	GB 22530-2008	2023-07-01
540	GB/T 13575. 1-2022	Classical and narrow V-belt drives—Part 1: System based on datum width			GB/T 13575. 1-2008	2023-07-01
541	GB/T 1482-2022	Metallic powders—Determination of flow rate—Calibrated funnel methods (Hall flowmeter)	ISO 4490:2018	Equivalent	GB/T 1482-2010	2023-07-01
542	GB/T 26287-2022	Aluminium alloys sacrificial anode for electrical water heater			GB/T 26287-2010	2023-07-01
543	GB/T 1289-2022	Chemical reagent—Sodium oxalate			GB/T 1289- 1994	2023-07-01
544	GB/T 32120-2022	Covering corrosion control technology of oxidative polymerization for steel structures			GB/T 32120-2015	2023-07-01

545	GB/T 36035-2018 (Amendment)	Encapsulation requirement for webpage electronic document of government website				2023-04-01
546	GB/T 535-2020 (Amendment)	Pharmaceutical machinery— General requirements for electrical safety			GB/T 535- 1995	2022- 12-30
547	GB/T 7512-2017 (Amendment)	Fertilizer grade ammonium sulphate			GB/T 7512-2006	2022- 12-30
548	GB/T 15514-2021 (Amendment)	Valves for liquefied petroleum gas cylinders			GB/T 15514-2015	2022- 12-30

Newly Approved National Standards of P. R. China

No.1, 2023

State Administration for Market Regulation and Standardization Administration of China
have approved the following 373 national standards and 6 national standards with amendment.

2023-03-17

NO.	Standard Number	Title	Adopted Standard	Degree of Standard Adoption	Replaced Standard	Implementation Date
1	GB/T 17491-2023	Hydraulic fluid power—Pumps, motors—Methods of testing steady-state performance	ISO 4409:2019	Equivalent	GB/T 17491-2011	2023- 10-01
2	GB/T 37162.4-2023	Hydraulic fluid power—Monitoring the level of particulate contamination of the fluid—Part 4: Use of the light extinction technique	ISO 21018-4:2019	Equivalent		2023- 10-01
3	GB/T 42155-2023	Hydraulic fluid power—Spin-on filters method for verifying—The rated fatigue life and the rated static burst pressure of the pressure-containing envelope	ISO 12829:2016	Equivalent		2023- 10-01
4	GB/T 42309-2023	Consolidation methods for easily damaged paper-based archives in the process of restoration				2023- 10-01
5	GB/T 1413-2023	Series 1 freight containers—Classification, dimensions and ratings	ISO 668:2020	Equivalent	GB/T 1413-2008	2023-07-01
6	GB/T 1992-2023	Freight container vocabulary	ISO 830:1999	Modified	GB/T 1992-2006	2023-07-01
7	GB/T 11601-2023	The requirement for inspection and exchange of container of port and station for in or out			GB/T 11601-2000	2023-07-01

8	GB/T 16561-2023	Equipment interchange receipt for freight containers			GB/T 16561- 1996	2023-07-01
9	GB/T 17271-2023	Terminology for container transport			GB/T 17271- 1998	2023-07-01
10	GB/T 17894-2023	Freight containers—Automatic identification	ISO 10374:1991	Modified	GB/T 17894- 1999	2023-07-01
11	GB/T 42395. 1-2023	Ergonomics—Sound quality limits and test methods for household appliance noise—Part 1: Refrigerator				2023- 10-01
12	GB/T 42396-2023	Ergonomics of human-system interaction in mobile terminal—Perceived fluency of touch interface				2023- 10-01
13	GB/T 13797-2023	General specifications for X-ray tube			GB/T 13797-2009	2024-04-01
14	GB/T 42473-2023	Acoustics—Procedures for assessment and predication of noise annoyance				2023- 10-01
15	GB/T 521-2023	Test methods for measuring peripheral dimensions of tyres			GB/T 521-2012	2023- 10-01
16	GB/T 4501-2023	Laboratory test methods for truck and bus tyres capabilities	ISO 10454:1993	Modified	GB/T 4501-2016	2023- 10-01
17	GB/T 19390-2023	Dipped polyester cord fabric for tyres			GB/T 19390-2014	2023- 10-01
18	GB/T 42356-2023	Test methods for rolling resistance of industrial tyres				2023- 10-01
19	GB/T 42359-2023	Laboratory buffing method for wet, ice and snow testing of passenger car tyres				2023- 10-01
20	GB/T 21972. 1-2023	Technical specification for variable-frequency adjustable-speed three-phase induction motors for crane and metallurgical applications—Part 1: YZP series variable-frequency adjustable-speed three-phase induction motors for crane and metallurgical applications (frame size 100~400)			GB/T 21972. 1-2008	2023- 10-01
21	GB/T 30268.3-2023	Information technology—Conformance testing for the biometric application programming interface (BioAPI)—Part 3: Test assertions for BioAPI frameworks	ISO/IEC 24709-3:2011	Equivalent		2023- 10-01

22	GB/T 33767. 14-2023	Information technology— Biometric sample quality— Part 14: DNA data				2023- 10-01
23	GB/T 37036.5-2023	Information technology— Biometrics used with mobile devices—Part 5: Voiceprint				2023- 10-01
24	GB/T 37036.7-2023	Information technology— Biometrics used with mobile devices—Part 7: Multi-modal				2023- 10-01
25	GB/T 42382. 1-2023	Information technology— Neural network representation and model compression— Part 1: Convolutional neural network				2023- 10-01
26	GB/T 42402-2023	Information technology— Telecommunications and information exchange between systems—6TiSCH network protocol				2023- 10-01
27	GB/T 42404-2023	Information technology— Telecommunications and information exchange between systems—Local and metropolitan area networks— Timing and synchronization for time-sensitive applications in bridged local area networks	ISO/IEC/IEEE 8802- 1AS:2014	Modified		2023- 10-01
28	GB/T 42406-2023	Industrial cloud service— Knowledge base access and manage requirement				2023- 10-01
29	GB/T 42408-2023	Industrial cloud service— Resource configuration requirements				2023- 10-01
30	GB/T 42409-2023	Internet of things—Electronic shelf label system—General requirement				2023- 10-01
31	GB/T 42411. 1-2023	Information technology— Learning, education and training—Curriculum for online courses—Part 1: Framework and general requirements				2023- 10-01
32	GB/T 42412-2023	Technical requirements for the implementation of personalized customization based on industrial cloud platform				2023- 10-01
33	GB/T 42442. 1-2023	Smart city—Smart parking— Part 1: General requirements				2023- 10-01

34	GB/T 42443-2023	Information technology—Automatic identification and data capture techniques—Syntax for high-capacity ADC media	ISO/IEC 15434:2019	Modified		2023- 10-01
35	GB/T 42448-2023	Systems and software engineering —Functional size measurement —FiSMA1. 1 method	ISO/IEC 29881:2010	Equivalent		2023- 10-01
36	GB/T 42449-2023	Systems and software engineering—Functional size measurement—IFPUG method	ISO/IEC 20926:2009	Equivalent		2023- 10-01
37	GB/T 42450-2023	Information technology—Big data—Planning of data resource				2023- 10-01
38	GB/T 42451-2023	Intelligent manufacturing—Industrial cloud service—Capabilities assessment				2023- 10-01
39	GB/T 42452-2023	Systems and software engineering—Functional size measurement—COSMIC method	ISO/IEC 19761:2011	Equivalent		2023- 10-01
40	GB/T 42454-2023	Information technology service—Digitize marketing—Mobile marketing technical specification				2023- 10-01
41	GB/T 42458-2023	Smart city—Evaluation guideline for effective use of public health emergency data				2023- 10-01
42	GB/T 42459-2023	Information technology—Telecommunications and information exchange between systems—Local and metropolitan area networks—Specific requirements—Station and media access control connectivity discovery	ISO/IEC/IEEE 8802- 1AB:2017	Modified		2023- 10-01
43	GB/T 14058-2023	Apparatus for gamma radiography	ISO 3999:2004	Non-equivalent	GB/T 14058-2008	2023- 10-01
44	GB/T 28053-2023	Fully wrapped carbon fibre reinforced composite gas cylinders with aluminium alloy liners	ISO 11119-2:2020	Non-equivalent	GB/T 28053-2011	2023- 10-01
45	GB/T 42360-2023	Surface chemical analysis—Total reflection X-ray fluorescence analysis of water	ISO 20289:2018	Equivalent		2023-07-01
46	GB/T 18959-2023	Code of practice for wood protection in storage			GB/T 18959-2003	2023- 10-01

47	GB/T 29893-2023	Log for lumber in light wood frame construction			GB/T 29893-2013	2023- 10-01
48	GB/T 42483-2023	Determination of thermal conductivity of wood—Heat flow method				2023-03- 17
49	GB/T 1094. 101-2023	Power transformers—Part 101: Determination of sound levels—Application guide	IEC 60076- 10-1:2016	Modified	GB/T 1094. 101-2008	2023- 10-01
50	GB/T 18494.3-2023	Converter transformers—Part 3: Application guide	IEC 61378-3:2015	Modified	GB/T 18494.3-2012	2023- 10-01
51	GB/T 4214.3-2023	Test method for noise of household and similar electrical appliances—Particular requirements for dishwashers	IEC 60704-2-3:2017	Modified	GB/T 4214.3-2008	2023- 10-01
52	GB/T 4214.5-2023	Test method for noise of household and similar electrical appliances—Particular requirements for electric shavers, hair clippers or trimmers	IEC 60704-2-8:2020	Equivalent	GB/T 4214.5-2008	2023- 10-01
53	GB/T 22769-2023	Electric bathroom heater (Yuba)			GB/T 22769-2008	2023- 10-01
54	GB/T 26254-2023	Household and similar healthful massage cushion			GB/T 26254-2010	2023- 10-01
55	GB/T 29780-2023	Hermetic motor-compressors for household and similar application heat pump water heater			GB/T 29780-2013	2023- 10-01
56	GB/T 42389. 1-2023	Household and similar central heating system—Part 1: General requirements				2023- 10-01
57	GB/T 30966.4-2023	Wind energy generation systems—Communication for monitoring and control of wind power plants—Part 4: Mapping to communication profile	IEC 61400-25-4:2016	Equivalent	GB/T 30966.4-2014	2023- 10-01
58	GB/T 9239. 13-2023	Mechanical vibration—Rotor balancing—Part 13: Criteria and safeguards for the in-situ balancing of medium and large rotors	ISO 21940-13:2012	Equivalent	GB/T 28785-2012	2023- 10-01
59	GB/T 33521.31-2023	Mechanical vibration—Ground-borne noise and vibration arising from rail systems—Part 31: Guideline on field measurements for the evaluation of human exposure in buildings	ISO/TS 14837-31:2017	Equivalent		2023- 10-01

60	GB/T 7233. 1-2023	Steel castings—Ultrasonic testing—Part 1: Steel castings for general purposes	ISO 4992- 1:2020	Modified	GB/T 7233. 1-2009	2023- 10-01
61	GB/T 42352-2023	Metallic coatings—Physical vapour-deposited coatings of cadmium on iron and steel—Specification and test methods	ISO 22778:2006	Equivalent		2023- 10-01
62	GB/T 6913-2023	Analysis of water used in boiler and cooling system—Determination of phosphate	ISO 6878:2004	Non-equivalent	GB/T 6913-2008	2023- 10-01
63	GB/T 23527. 1-2023	Quality requirements for enzyme preparations—Part 1: Protease preparations			GB/T 23527-2009	2024-04-01
64	GB/T 42321-2023	Additional requirements for internal arc classified pole-mounted metal-enclosed switchgear for rated voltages above 3.6 kV and up to and including 40.5 kV	IEC 62271-214:2019	Modified		2023- 10-01
65	GB/T 19215.5-2023	Cable trunking systems and cable ducting systems for electrical installations—Part 2: Particular requirements—Section 3: Slotted cable trunking systems intended for installation in cabinets	IEC 61084-2-3:2017	Modified		2023- 10-01
66	GB/T 42324-2023	Cable glands for electrical installations	IEC 62444:2010	Modified		2023- 10-01
67	GB/T 42325-2023	Electrical interface specification for phase-cut dimmer in phase-cut dimmed lighting systems	IEC TR 63036:2016	Modified		2023- 10-01
68	GB/T 42394-2023	Cable cleats for electrical installations	IEC 61914:2021	Modified		2023- 10-01
69	GB/T 42323-2023	Water for lead acid storage battery	IEC 62877-2:2016	Modified		2023- 10-01
70	GB/T 42391-2023	Electrolyte for lead acid storage battery	IEC 62877- 1:2016	Modified		2023- 10-01
71	GB/T 42491-2023	Determination of total starch content in feeds—Enzymatic method	ISO 15914:2004	Modified		2023- 10-01
72	GB/T 20549-2023	Specifications and test methods of electromagnetic compatibility for digital cellular mobile communications repeater			GB/T 20549-2006	2023- 10-01
73	GB/T 14496-2023	Terms of geochemical exploration			GB/T 14496- 1993	2023-07-01

74	GB/T 42333-2023	Soil and stream sediment—Determination of iodine content—Pressurized ammonia extraction inductively coupled plasma mass spectrometry				2023-07-01
75	GB/T 42362-2023	Specification for hazard assessment of groundwater aquifer damage in mine areas				2023-07-01
76	GB/T 5859-2023	Rolling bearings—Self-aligning thrust roller bearings—Boundary dimensions			GB/T 5859-2008	2023- 10-01
77	GB/T 42403-2023	Lasers and laser-related equipment—Test methods for the spectral characteristics of lasers	ISO 13695:2004	Modified		2023- 10-01
78	GB/T 42307-2023	Fertilizers and soil conditioners—Determination of biuret content of urea-based fertilizers—HPLC method	ISO 18643:2016	Equivalent		2023- 10-01
79	GB/T 5374-2023	Test method of reliability for motorcycles and mopeds			GB/T 5374-2008	2023- 10-01
80	GB/T 17346-2023	Test methods of automobile pedal position dimensions			GB/T 17346- 1998	2023- 10-01
81	GB/T 16620-2023	Terminology of forest tree breeding and seed management			GB/T 16620- 1996	2023-03- 17
82	GB/T 42399. 1-2023	Non-destructive testing instruments—Characterization and verification of ultrasonic phased array equipment—Part 1: Instruments	ISO 18563- 1:2022	Equivalent		2023- 10-01
83	GB/T 42399.2-2023	Non-destructive testing instruments—Characterization and verification of ultrasonic phased array equipment—Part 2: Probes	ISO 18563-2:2017	Equivalent		2023- 10-01
84	GB/T 42399.3-2023	Non-destructive testing instruments—Characterization and verification of ultrasonic phased array equipment—Part 3: Combined system	ISO 18563-3:2015	Equivalent		2023- 10-01
85	GB/T 21109.2-2023	Functional safety of safety instrumented systems for the process industry sector—Part 2: Guidelines for the application of GB/T 21109. 1—2022	IEC 61511-2:2016	Equivalent	GB/T 21109.2-2007	2023- 10-01

86	GB/T 42383.1-2023	Intelligent manufacturing—Network collaborative design—Part 1: General requirements				2023- 10-01
87	GB/T 42383.2-2023	Intelligent manufacturing—Network collaborative design—Part 2: Software interface and data interaction				2023- 10-01
88	GB/T 42383.4-2023	Intelligent manufacturing—Network collaborative design— Part 4: Requirements for lifecycle-oriented design				2023- 10-01
89	GB/T 42383.5-2023	Intelligent manufacturing—Network collaborative design—Part 5: Multidisciplinary collaborative simulation				2023- 10-01
90	GB/T 42445-2023	Security for industrial automation and control systems—Patch management in the IACS environment	IEC TR 62443-2-3:2015	Equivalent		2023- 10-01
91	GB/T 42456-2023	Security for industrial automation and control systems—Technical security requirements for IACS components	IEC 62443-4-2:2019	Equivalent		2023- 10-01
92	GB/T 42457-2023	Security for industrial automation and control systems—Secure product development lifecycle requirements	IEC 62443-4-1:2018	Equivalent		2023- 10-01
93	GB/T 25819-2023	Dyestuffs—Liquid reactive black			GB/T 25819-2010	2023- 10-01
94	GB/T 27592-2023	Reactive dyes—Determination of degree of fixation in pad dyeing			GB/T 27592-2011	2023- 10-01
95	GB/T 42357-2023	Water-insoluble dyes—Determination of purity—Liquid chromatography				2023- 10-01
96	GB/T 600-2023	General specifications for marine piping valves and fittings			GB/T 600-2008	2023- 10-01
97	GB/T 19700-2023	Test method of thermal property for marine heat exchanger			GB/T 19700-2005	2023- 10-01
98	GB/T 42327-2023	Fixed dry chemical powder fire-extinguishing systems for ships				2023- 10-01

99	GB/T 42328-2023	Technical requirements for desulfurization device of marine diesel engine				2023- 10-01
100	GB/T 42329. 1-2023	Ships and marine technology—Inflatable buoyancy support system against flooding of ships—Part 1: Gas supply system	ISO 23121- 1:2019	Equivalent		2023- 10-01
101	GB/T 13277.8-2023	Compressed air—Part 8: Test methods for solid particle content by mass concentration	ISO 8573-8:2004	Modified		2023- 10-01
102	GB/T 19025-2023	Quality management—Guidelines for competence management and people development	ISO 10015:2019	Equivalent	GB/T 19025-2001	2023-03- 17
103	GB/T 19028-2023	Quality management—Guidance for people engagement	ISO 10018:2020	Equivalent	GB/T 19028-2018	2023-03- 17
104	GB/T 42509-2023	Quality management—Guidelines for customer experience management				2023-03- 17
105	GB/T 16656. 14-2023	Industrial automation systems and integration—Product data representation and exchange—Part 14: Description methods: The EXPRESS-X language reference manual	ISO 10303-14:2005	Equivalent		2023- 10-01
106	GB/T 42381.8-2023	Data quality—Part 8: Information and data quality: Concepts and measuring	ISO 8000-8: 2015	Equivalent		2023- 10-01
107	GB/T 42381.61-2023	Data quality—Part 61: Data quality management: Process reference model	ISO 8000-61:2016	Equivalent		2023- 10-01
108	GB/T 42405. 1-2023	Intelligent manufacturing application interconnection—Part 1: Integration technical requirements				2023- 10-01
109	GB/T 5291. 1-2023	Die sinking electro-discharge machines—Testing of the accuracy—Part 1: Single-column machines (cross-slide table type and fixed-table type)	ISO 11090- 1:2014	Equivalent	GB/T 5291. 1-2001	2023- 10-01
110	GB/T 6346. 14-2023	Fixed capacitors for use in electronic equipment—Part 14: Sectional specification—Fixed capacitors for electromagnetic interference suppression and connection to the supply mains	IEC 60384-14:2013	Equivalent	GB/T 6346. 14-2015	2023- 10-01

111	GB/T 42308-2023	Potentiometers for use in electronic equipment—Part 6- 1: Blank detail specification—Surface mount preset potentiometers—Assessment level EZ				2023- 10-01
112	GB/T 42342.2-2023	Determination of particle size distribution—Centrifugal liquid sedimentation methods—Part 2: Photocentrifuge method	ISO 13318-2:2007	Equivalent		2023- 10-01
113	GB/T 42348-2023	Particle size analysis—Particle tracking analysis (PTA) method	ISO 19430:2016	Equivalent		2023- 10-01
114	GB/T 42351. 1-2023	Preparation of particulate reference materials—Part 1: Polydisperse material based on picket fence of monodisperse spherical particles	ISO/TS 14411-1:2017	Equivalent		2023-07-01
115	GB/T 32800. 1-2023	Hand-held non-electric power tools—Safety requirements—Part 1: Assembly power tools for non-threaded mechanical fasteners	ISO 11148- 1:2011	Equivalent		2023- 10-01
116	GB/T 32800.2-2023	Hand-held non-electric power tools—Safety requirements—Part 2: Cutting-off and crimping power tools	ISO 11148-2:2011	Equivalent		2023- 10-01
117	GB/T 32800. 10-2023	Hand-held non-electric power tools—Safety requirements—Part 10: Compression power tools	ISO 11148-10:2011	Equivalent		2023- 10-01
118	GB/T 32800. 11-2023	Hand-held non-electric power tools—Safety requirements—Part 11: Nibblers and shears	ISO 11148-11:2011	Equivalent		2023- 10-01
119	GB/T 15613-2023	Hydraulic turbines, storage pumps and pump-turbines model acceptance tests	IEC 60193:2019	Equivalent	GB/T 10969-2008, GB/T 15613. 1-2008, GB/T 15613.2-2008, GB/T 15613.3-2008	2023- 10-01
120	GB/T 28209-2023	Methods for chemical analysis of borosilicate glasses			GB/T 28209-2011	2023- 10-01
121	GB/T 42387-2023	Volumetric glass—Technical requirements for quality classification				2023- 10-01
122	GB/T 42413-2023	Glassware—Test method for freezing resistance of glass containers				2023- 10-01

123	GB/T 42414-2023	Glass viscosity measurement—Rotational viscometer method	ISO 7884-2:1987	Modified		2023- 10-01
124	GB/T 29360-2023	Forensic sciences—Code of practice for electronic data recovery examination			GB/T 29360-2012	2023- 10-01
125	GB/T 29361-2023	Forensic sciences—Code of practice for identification of electronic data file consistency			GB/T 29361-2012	2023- 10-01
126	GB/T 29362-2023	Forensic sciences—Code of practice for electronic data search examination			GB/T 29362-2012	2023- 10-01
127	GB/T 21078. 1-2023	Financial services—Personal Identification Number (PIN) management and security—Part 1: Basic principles and requirements for PINs in card-based systems	ISO 9564- 1:2017	Modified	GB/T 21078. 1-2007, GB/T 21078.2-2011	2023-03- 17
128	GB/T 21078.4-2023	Financial services—Personal Identification Number (PIN) management and security—Part 4: Approved algorithms for PIN encipherment	ISO 9564-2:2014	Modified		2023-03- 17
129	GB/T 42336-2023	Interest calculation specification for fixed income securities				2023-03- 17
130	GB/T 42339-2023	Financial institution risk management—Terminology				2023-03- 17
131	GB/T 42422-2023	Financial institution risk management—Framework				2023-03- 17
132	GB/T 42495. 1-2023	Financial services—Global legal entity identifier (LEI)—Part 1: Assignment	ISO 17442- 1:2020	Equivalent		2023-03- 17
133	GB/T 42505-2023	Primary data collection specification for bond pricing indicator products				2023-03- 17
134	GB/T 18090-2023	Diagnostic techniques for porcine reproductive and respiratory syndrome			GB/T 18090-2008	2023- 10-01
135	GB/T 42304-2023	Welfare criteria for animals to be slaughtered				2023- 10-01
136	GB/T 42364-2023	Diagnostic techniques for contagious agalactia				2023- 10-01
137	GB/T 239. 1-2023	Metallic materials—Wire—Part 1: Simple torsion test	ISO 7800:2012	Equivalent	GB/T 239. 1-2012	2023- 10-01
138	GB/T 239.2-2023	Metallic materials—Wire—Part 2: Reverse torsion test	ISO 9649:2016	Modified	GB/T 239.2-2012	2023-07-01

139	GB/T 28896-2023	Metallic materials— Method of test for the determination of quasistatic fracture toughness of welds	ISO 15653:2018	Modified	GB/T 28896-2012	2023-07-01
140	GB/T 42355. 1-2023	Headed bars for the reinforcement of concrete— Part 1: Requirements	ISO 15698- 1:2012	Modified		2023- 10-01
141	GB/T 42355.2-2023	Headed bars for the reinforcement of concrete— Part 2: Test methods	ISO 15698-2:2012	Modified		2023- 10-01
142	GB/T 31552-2023	Foundry machinery— Classification and model designation			GB/T 31552-2015	2023- 10-01
143	GB/T 42156-2023	3D printing equipment for casting sand mould—General technical specification				2023- 10-01
144	GB/T 8464-2023	Cast iron, copper and stainless steel valves with screwed connections			GB/T 8464-2008	2023- 10-01
145	GB/T 12222-2023	Multi-turn valve actuator attachments	ISO 5210:2017	Modified	GB/T 12222-2005	2023- 10-01
146	GB/T 15110.2-2023	Register systems for photographic materials, foils and paper—Part 2: Register pin systems for plate making	ISO 11084-2:2006	Equivalent		2023- 10-01
147	GB/T 42349-2023	Determination of antiviral activity of photocatalytic materials—Test method using bacteriophage Q-beta	ISO 18061:2014	Equivalent		2023- 10-01
148	GB/T 28627-2023	Gypsum plaster			GB/T 28627-2012	2023- 10-01
149	GB/T 11836-2023	Concrete and reinforced concrete sewer pipes			GB/T 11836-2009	2023- 10-01
150	GB/T 27690-2023	Silica fume for cement mortar and concrete			GB/T 27690-2011	2023- 10-01
151	GB/T 27794-2023	Precast concrete conduits for electric cable			GB/T 27794-2011	2023- 10-01
152	GB/T 20239-2023	Wooden flooring for gymnasium			GB/T 20239-2015	2023- 10-01
153	GB/T 19973. 1-2023	Sterilization of health care products—Microbiological methods—Part 1: Determination of a population of microorganisms on products	ISO 11737- 1:2018	Equivalent	GB/T 19973. 1-2015	2024- 10-01
154	GB/T 21015-2023	Technical specifications for paddy drying			GB/T 21015-2007	2023- 10-01

155	GB/T 41732.2-2023	Radiofrequency identification of animals—Advanced transponders—Part 2: Code and command structure	ISO 14223-2:2010	Modified		2023- 10-01
156	GB/T 41734.4-2023	Radiofrequency identification of animals—Part 4: Evaluation of performance of RFID transceivers conforming with GB/T 20563 and GB/T 22334	ISO 24631-4:2017	Modified		2023- 10-01
157	GB/T 41734.6-2023	Radiofrequency identification of animals—Part 6: Representation of animal identification information (visual display/data transfer)	ISO 24631-6:2011	Modified		2023- 10-01
158	GB/T 41734.7-2023	Radiofrequency identification of animals—Part 7: Synchronization of GB/T 22334 identification systems	ISO 24631-7:2012	Modified		2023- 10-01
159	GB/T 2317.4-2023	Test method for electric power fittings—Part 4: Acceptance inspection			GB/T 2317.4-2008	2023- 10-01
160	GB/T 30656-2023	Polished monocrystalline silicon carbide wafers			GB/T 30656-2014	2023- 10-01
161	GB/T 5275.6-2023	Gas analysis—Preparation of calibration gas mixtures using dynamic methods—Part 6: Critical flow orifices	ISO 6145-6:2017	Equivalent	GB/T 5275.6-2014	2023- 10-01
162	GB/T 24002. 1-2023	Environmental management systems—Guidelines for using GB/T 24001 to address environmental aspects and conditions within an environmental topic area—Part 1: General	ISO 14002- 1:2019	Equivalent		2023-07-01
163	GB/T 42340-2023	Ecosystem assessment—Methods for ecosystem pattern and quality assessment				2023-07-01
164	GB/T 42397-2023	Calculation of thermally permissible short-circuit currents, taking into account non-adiabatic heating effects	IEC 60949:1988	Equivalent		2023- 10-01

165	GB/T 16608. 1-2023	Electromechanical telecom elementary relays of assessed quality—Part 1: Generic specification and blank detail specification	IEC 61811- 1:2015	Equivalent	GB/T 16608. 1-2003, GB/T 16608.50-2012, GB/T 16608.51-2012, GB/T 16608.52-2012, GB/T 16608.53-2012, GB/T 16608.54-2012, GB/T 16608.55-2012	2023- 10-01
166	GB/T 21711. 1-2023	Electromechanical elementary relays—Part 1: General and safety requirements	IEC 61810- 1:2015	Equivalent	GB/T 21711. 1-2008	2023- 10-01
167	GB/T 920-2023	Code for highway pavement classification and type			GB/T 920-2002	2023-07-01
168	GB/T 23828-2023	Light-emitting diode changeable message signs of motorway			GB/T 23828-2009	2023- 10-01
169	GB/T 24718-2023	Anti-glare board			GB/T 24718-2009	2023-07-01
170	GB/T 24721. 1-2023	Glass fiber reinforced plastic product for highway—Part 1: General rule			GB/T 24721. 1-2009	2023-07-01
171	GB/T 24721.2-2023	Glass fiber reinforced plastic product for highway—Part 2: Trunk			GB/T 24721.2-2009	2023-07-01
172	GB/T 24721.3-2023	Glass fiber reinforced plastic product for highway—Part 3: Duct			GB/T 24721.3-2009	2023-07-01
173	GB/T 24721.4-2023	Glass fiber reinforced plastic product for highway—Part 4: Non-pressure communications well lid			GB/T 24721.4-2009	2023-07-01
174	GB/T 24721.5-2023	Glass fiber reinforced plastic product for highway—Part 5: Sign base panel			GB/T 24721.5-2009	2023-07-01
175	GB/T 26471-2023	Tower crane—Rules of installation, disassembly and climbing			GB/T 26471-2011	2023- 10-01
176	GB/T 26416.6-2023	Chemical analysis methods for rare earth ferroalloy—Part 6: Determination of molybdenum, tungsten and titanium contents—Inductively coupled plasma emission spectrometry				2023- 10-01
177	GB/T 42419-2023	Code of practice for earth's surface carbon verification				2023-03- 17

178	GB/T 21145-2023	Mechanical transport refrigeration units			GB/T 21145-2007	2023- 10-01
179	GB/T 21362-2023	Heat pump water heater for commercial & industrial and similar application			GB/T 21362-2008	2023- 10-01
180	GB/T 25861-2023	Water-source high temperature heat pumps using the vapor compression cycle			GB/T 25861-2010	2023- 10-01
181	GB/T 42347-2023	General technical requirement and test method for mechanical pre-cooling equipment				2023- 10-01
182	GB/T 18779.2-2023	Geometrical product specifications (GPS)—Inspection by measurement of workpieces and measuring equipment—Part 2: Guidance for the estimation of uncertainty in GPS measurement, in calibration of measuring equipment and in product verification	ISO 14253-2:2011	Equivalent	GB/T 18779.2-2004	2023- 10-01
183	GB/T 18779.3-2023	Geometrical product specifications (GPS)—Inspection by measurement of workpieces and measuring equipment—Part 3: Guidelines for achieving agreements on measurement uncertainty statements	ISO 14253-3:2011	Equivalent	GB/T 18779.3-2009	2023-07-01
184	GB/T 26958.60-2023	Geometrical product specifications (GPS)—Filtration—Part 60: Linear areal filters—Basic concepts	ISO 16610-60:2015	Equivalent		2023- 10-01
185	GB/T 26958.61-2023	Geometrical product specification (GPS)—Filtration—Part 61: Linear areal filters—Gaussian filters	ISO 16610-61:2015	Equivalent		2023- 10-01
186	GB/T 27894.3-2023	Natural gas—Determination of composition and associated uncertainty by gas chromatography—Part 3: Precision and bias	ISO 6974-3:2018	Equivalent	GB/T 27894.3-2011	2023-07-01
187	GB/T 17626. 12-2023	Electromagnetic compatibility—Testing and measurement techniques—Part 12: Ring wave immunity test	IEC 61000-4-12:2017	Equivalent	GB/T 17626. 12-2013	2023- 10-01
188	GB/T 42350-2023	Fly ash ceramic tiles				2023- 10-01
189	GB/T 42366-2023	Chemicals—Lymnaea stagnalis reproduction test				2023- 10-01

190	GB/T 42367-2023	Chemicals—Protozoan activated sludge inhibition test				2023- 10-01
191	GB/T 42368-2023	Determination of explosion limits of combustible vapors and gases at elevated temperature and pressure				2023- 10-01
192	GB/T 42426-2023	Chemicals—Vapor pressure test				2023- 10-01
193	GB/T 42475-2023	Chemicals—Apis cerana cerana Fabricius acute oral toxicity test				2023- 10-01
194	GB/T 34436-2023	Determination of formamide in toy materials—High performance liquid chromatography-mass spectrometry			GB/T 34436-2017	2023- 10-01
195	GB/T 29551-2023	Laminated solar photovoltaic (PV) glass in building			GB/T 29551-2013	2023- 10-01
196	GB/T 26513-2023	Lip moisturizer (gel, cream)			GB/T 26513-2011	2024-04-01
197	GB/T 42423-2023	Determination of dichlorobenzyl alcohol and chlorphensin in cosmetics—High performance liquid chromatography				2023- 10-01
198	GB/T 42424-2023	Determination of 11 kinds of restricted dyestuff such as 5-amino-6-chloro-o-cresol in hair dyes—HPLC-MS				2023- 10-01
199	GB/T 42425-2023	Determination of capryloyl salicylic acid, phenylethyl resorcinol, ferulic acid in cosmetics—High performance liquid chromatography				2023- 10-01
200	GB/T 42462-2023	Validation criteria for analytical results of cosmetics using chromatographic techniques	ISO 12787:2011	Equivalent		2023- 10-01
201	GB/T 15843.3-2023	Information technology—Security techniques—Entity authentication—Part 3: Mechanisms using digital signature techniques	ISO/IEC 9798-3:2019	Equivalent	GB/T 15843.3-2016	2023- 10-01
202	GB/T 17902. 1-2023	Information technology—Security techniques—Digital signatures with appendix—Part 1: General	ISO/IEC 14888-1:2008	Equivalent	GB/T 17902. 1-1999	2023- 10-01

203	GB/T 20274. 1-2023	Information security technology—Evaluation framework for information systems security assurance—Part 1: Introduction and general model			GB/T 20274. 1-2006	2023- 10-01
204	GB/T 21053-2023	Information security techniques—Public key infrastructure—Security technology requirement for PKI system			GB/T 21053-2007	2023- 10-01
205	GB/T 21054-2023	Information security techniques—Public key infrastructure—Security testing assessment approaches for PKI system			GB/T 21054-2007	2023- 10-01
206	GB/T 32922-2023	Information security technology—Baseline and implementation guide of IPsec VPN securing access			GB/T 32922-2016	2023- 10-01
207	GB/T 33134-2023	Information security technology—Security requirement of public domain name service system			GB/T 33134-2016	2023- 10-01
208	GB/T 42446-2023	Information security technology—Basic requirements for competence of cybersecurity workforce				2023- 10-01
209	GB/T 42447-2023	Information security technology—Data security guidelines for telecom field				2023- 10-01
210	GB/T 42453-2023	Information security technology—General technical requirements for network security situation awareness				2023- 10-01
211	GB/T 42460-2023	Information security technology—Guide for evaluating the effectiveness of personal information de-identification				2023- 10-01
212	GB/T 42461-2023	Information security technology—Guidelines for cyber security service cost measurement				2023- 10-01
213	GB/T 24421. 1-2023	Guidelines for standardization of organizations in service sector—Part 1: General			GB/T 24421. 1-2009	2023-03- 17
214	GB/T 24421.2-2023	Guidelines for standardization of organizations in service sector—Part 2: Standard system construction			GB/T 24421.2-2009	2023-03- 17

215	GB/T 24421.3-2023	Guidelines for standardization of organizations in service sector—Part 3: Preparation of standards			GB/T 24421.3-2009	2023-03- 17
216	GB/T 24421.4-2023	Guidelines for standardization of organizations in service sector—Part 4: Standard actualization and appraise			GB/T 24421.4-2009	2023-03- 17
217	GB/T 24421.5-2023	Guidelines for standardization of organizations in service sector—Part 5: Improvement				2023-03- 17
218	GB/T 42504-2023	Guidelines on consumer warranties/guarantees	ISO 22059:2020	Equivalent		2023-03- 17
219	GB/T 42472-2023	Critical current measurement—Retained critical current after double bending at room temperature of Ag-sheathed Bi-2223 superconducting wires	IEC 61788-24:2018	Equivalent		2023- 10-01
220	GB/T 20609-2023	Traffic information collection—Microwave traffic flow detector			GB/T 20609-2006	2023- 10-01
221	GB/T 28787-2023	Data communication protocol between intelligent terminal and dispatching center for urban bus and trolleybus			GB/T 28787-2012	2023- 10-01
222	GB/T 42500-2023	Specification for on-demand delivery service				2023-03- 17
223	GB/T 42501-2023	Evaluation indicators for reverse logistics services				2023-03- 17
224	GB/T 42502-2023	Specification for auditing quality management of pharmaceutical logistics				2023-03- 17
225	GB/T 42503-2023	Specification for agricultural products cold chain logistics service in producing area				2023-03- 17
226	GB/T 42299-2023	Specification for the design of rice processing enterprises				2023- 10-01
227	GB/T 13530-2023	Test methods for sodium ethoxylated alkyl sulfate	ISO 6842:1989, ISO 6843:1988, ISO 8799:2009	Modified	GB/T 13530-2008	2023- 10-01
228	GB/T 42303-2023	Surface active agents—Detergents for washing fabrics—Guide for comparative testing of performance	ISO 4319:1977	Modified		2023- 10-01

229	GB/T 42415-2023	Surface active agents— Determination of static interfacial tension	ISO 304:1985	Modified		2023- 10-01
230	GB/T 3157-2023	Chinese Holstein			GB/T 3157-2008	2023- 10-01
231	GB/T 27522-2023	Technical specification for monitoring sewage from livestock and poultry farm			GB/T 27522-2011	2023- 10-01
232	GB/T 42492-2023	High mountain merino				2023- 10-01
233	GB/T 42310-2023	Nanotechnology— Measurement for specific surface area of graphene powder—Static volumetric method by argon gas adsorption				2023- 10-01
234	GB/T 42311-2023	Nanotechnologies— Characterization of nanoparticles in inhalation exposure chambers for inhalation toxicity testing	ISO 10808:2010	Equivalent		2023- 10-01
235	GB/T 42469-2023	Nanotechnologies— Antibacterial silver nanoparticles—Specification of characteristics and measurement methods	ISO/TS 20660:2019	Equivalent		2023- 10-01
236	GB/T 42470-2023	Nanotechnologies— Assessment of nanomaterial toxicity using dechorionated zebrafish embryo	ISO/TS 22082:2020	Modified		2023- 10-01
237	GB/T 42471-2023	Nanotechnologies—Bending test of flexible energy storage nanodevices				2023- 10-01
238	GB/T 42330-2023	Classification code of ocean sample management				2023- 10-01
239	GB/T 42331-2023	Directives for technology readiness assessment of tidal current energy generators				2023-07-01
240	GB/T 42332-2023	Specification for topographic mapping of islands and surrounding waters				2023-07-01
241	GB/T 42361-2023	Technical guidelines for sea area use demonstration				2023-07-01
242	GB/T 21144-2023	Solid concrete brick			GB/T 21144-2007	2023- 10-01
243	GB/T 42379-2023	Technical specification for removable ice rink				2023-07-01

244	GB/T 42508-2023	Guidelines for risk assessment of investment projects				2023-03- 17
245	GB/T 42392-2023	General technical requirement for clean operating department				2023- 10-01
246	GB/T 42398-2023	Technical specifications of cleanroom design for cell culture				2023- 10-01
247	GB/T 42393-2023	Drawing method of wind damage map of area in power grid in consideration of high altitude microtopography and micrometeorology				2023- 10-01
248	GB/T 22419-2023	Industrial trucks—Specifications for indicator lights for container handling and grapppler arm operations	ISO 15871:2019	Equivalent	GB/T 22419-2008	2023- 10-01
249	GB/T 42157. 1-2023	Rough-terrain trucks—Non-integrated personnel work platforms—Part 1: Design, safety requirements and verification	ISO 18479- 1:2015	Equivalent		2023- 10-01
250	GB/T 42157.2-2023	Rough-terrain trucks—Non-integrated personnel work platforms—Part 2: User requirements	ISO 18479-2:2016	Equivalent		2023- 10-01
251	GB/T 42158-2023	Micro-electromechanical systems technology (MEMS)—Description and measurement methods for micro trench and pyramidal needle structures	IEC 62047-26:2016	Equivalent		2023-07-01
252	GB/T 42125. 14-2023	Safety requirements for electrical equipment for measurement, control and laboratory use—Part 14: Particular requirements for automatic and semi-automatic laboratory equipment for analysis and other purposes	IEC 61010-2-081:2019	Equivalent	GB 4793.9-2013	2024-04-01
253	GB/T 15166.3-2023	High-voltage alternating-current fuses—Part 3: Expulsion fuses	IEC 60282-2:2008	Modified	GB/T 15166.3-2008	2023- 10-01
254	GB/T 15166.6-2023	High-voltage alternating-current fuses—Part 6: Application guide for the selection of fuse-links of high-voltage fuses for transformer circuit applications			GB/T 15166.6-2008	2023- 10-01

255	GB/T 20042.2-2023	Proton exchange membrane fuel cell—Part 2: General technical specification of fuel cell stacks			GB/T 20042.2-2008	2023- 10-01
256	GB/T 42496-2023	Guidelines for green exhibition operation				2023-03- 17
257	GB/T 30146-2023	Security and resilience—Business continuity management systems—Requirements	ISO 22301:2019	Equivalent	GB/T 30146-2013	2023- 10-01
258	GB/T 42390-2023	Classification and codes for express packaging				2023- 10-01
259	GB/T 42354-2023	General for selection material of pharmaceutical machinery				2023- 10-01
260	GB/T 28220-2023	Public library service specifications			GB/T 28220-2011	2023-07-01
261	GB/T 42463-2023	General rule for the quality of fish sauce				2023-03- 17
262	GB/T 42464-2023	General rule for the quality of lobster sauce				2023-03- 17
263	GB/T 42363-2023	Soil quality—Pretreatment of samples for physico-chemical analysis	ISO 11464:2006	Equivalent		2023-07-01
264	GB/T 42485-2023	Soil quality—Determination of nitrate, nitrite and ammonium in soils—Extraction with potassium chloride solution and determination with manual method	ISO/TS 14256-1:2003	Modified		2023- 10-01
265	GB/T 42487-2023	Soil quality—Determination of nitrate, nitrite and ammonium in soils—Extraction with potassium chloride solution and determination using automated method with segmented flow analysis	ISO 14256-2:2005	Modified		2023- 10-01
266	GB/T 42488-2023	Soil quality—Determination of nitrogen- 15 abundance of inorganic nitrogen in soil—Stable isotope ratio mass spectrometry				2023- 10-01
267	GB/T 42489-2023	Soil quality—Decision unit-multi increment sampling method				2023- 10-01

268	GB/T 42490-2023	Soil quality—Determination of total content and isotope ratio of organic carbon and nitrogen of soil and biological samples—Stable isotope ratio mass spectrometry				2023- 10-01
269	GB/T 42306-2023	Granulated cork and cork powder—Classification, properties and packing	ISO 1997:2018	Modified		2023- 10-01
270	GB/T 15544. 1-2023	Short-circuit current calculation in three-phase a.c. systems—Part 1: Calculation of currents	IEC 60909-0:2016	Modified	GB/T 15544. 1-2013	2023- 10-01
271	GB/T 28847.6-2023	Building automation and control systems—Part 6: Data communication protocol conformance testing	ISO 16484-6:2014	Non-equivalent		2023- 10-01
272	GB/T 42407-2023	General technical requirement of intelligent control system for window and door				2023- 10-01
273	GB/T 42455. 1-2023	Smart city—Building and residence community—Part 1: Technology requirements of information system for smart community				2023- 10-01
274	GB/T 30020-2023	Test method for determining defects of glass—Photoelastic scanning method			GB/T 30020-2013	2023- 10-01
275	GB/T 42481-2023	Specifications for conservation and management of small wetlands				2023- 10-01
276	GB/T 33445-2023	Coal-based synthetic natural gas			GB/T 33445-2016	2023-07-01
277	GB/T 23794-2023	Indicator for enterprise credit evaluation			GB/T 23794-2015	2023-03- 17
278	GB/T 26817-2023	Format requirements of business credit information reports—Basic credit information report, standard report, in-depth report			GB/T 26817-2011	2023-03- 17
279	GB/T 31950-2023	Integrity management system of enterprise—Requirements			GB/T 31950-2015	2023-03- 17
280	GB/T 31953-2023	Drafting guidelines for enterprise credit evaluation report			GB/T 31953-2015	2023-03- 17
281	GB/T 42337-2023	Drafting guidelines for public credit information reports				2023-03- 17

282	GB/T 42506-2023	Publication specifications of purchasing credit information for state-owned enterprises				2023-03- 17
283	GB/T 42507-2023	Requirements for the construction and management of professional credit files				2023-03- 17
284	GB/T 10343-2023	Quality requirements for edible alcohol			GB 10343-2008	2024-04-01
285	GB/T 16751. 1-2023	Clinic terminology of traditional Chinese medical diagnosis and treatment—Part 1: Diseases			GB/T 16751. 1-1997	2023-03- 17
286	GB/T 16751.3-2023	Clinic terminology of traditional Chinese medical diagnosis and treatment—Part 3: Therapeutic methods			GB/T 16751.3-1997	2023-03- 17
287	GB/T 42467. 1-2023	Clinical terminology of traditional Chinese medicine—Part 1: Internal medicine				2023-03- 17
288	GB/T 42467.2-2023	Clinical terminology of traditional Chinese medicine—Part 2: External medicine				2023-03- 17
289	GB/T 42467.3-2023	Clinical terminology of traditional Chinese medicine—Part 3: Dermatology				2023-03- 17
290	GB/T 42467.4-2023	Clinical terminology of traditional Chinese medicine—Part 4: Proctology				2023-03- 17
291	GB/T 42467.5-2023	Clinical terminology of traditional Chinese medicine—Part 5: Orthopaedics and traumatology				2023-03- 17
292	GB/T 42467.6-2023	Clinical terminology of traditional Chinese medicine—Part 6: Gynecology				2023-03- 17
293	GB/T 42467.7-2023	Clinical terminology of traditional Chinese medicine—Part 7: Pediatrics				2023-03- 17
294	GB/T 42467.8-2023	Clinical terminology of traditional Chinese medicine—Part 8: Ophthalmology				2023-03- 17
295	GB/T 42467.9-2023	Clinical terminology of traditional Chinese medicine—Part 9: Otorhinolaryngology				2023-03- 17
296	GB/T 42400-2023	Hardness test methods on metal parts repaired by laser cladding				2023- 10-01

297	GB/T 42401-2023	Laser cladding repairing— Quality levels for imperfections				2023-03- 17
298	GB/T 16849-2023	Generic specification of optical amplifier			GB/T 16849-2008	2023- 10-01
299	GB/T 42388-2023	Guidelines for monitoring of consumer product safety				2023- 10-01
300	GB/T 42486-2023	Length measurement for wool type fiber—Random beard image method				2023- 10-01
301	GB/T 8937-2023	Edible animal fat—Lard			GB/T 8937-2006	2023- 10-01
302	GB/T 42494-2023	Functional configurations and basic requirements for international road freight hub				2023-07-01
303	GB/T 10592-2023	Specifications for high/low temperature testing chambers			GB/T 10592-2008	2023- 10-01
304	GB/T 42334. 1-2023	Specification for operational safety assessment of urban rail transit—Part 1: Metro and light rail				2023-03- 17
305	GB/T 42341-2023	Centrifugal dredge pump				2023- 10-01
306	GB/T 42319-2023	Ships and marine technology— Guidelines for the operation and installation of voyage data recorders (VDR)	ISO 22472:2016	Equivalent		2023- 10-01
307	GB/T 31047-2023	Brand valuation—Food processing and manufacturing industry			GB/T 31047-2014	2023-03- 17
308	GB/T 42380-2023	Specification for minor’s justice social work service				2023-03- 17
309	GB/T 42477-2023	Specifications for meteorological observation and data inspection and correction of photovoltaic power stations				2023-07-01
310	GB/T 34131-2023	Battery management system for electrical energy storage			GB/T 34131-2017	2023- 10-01
311	GB/T 42312-2023	Guide for production safety emergency response plan of electrochemical energy storage station				2023- 10-01
312	GB/T 42313-2023	Terminology of electrical energy storage system	IEC 62933- 1:2018	Modified		2023- 10-01

313	GB/T 42314-2023	Guide for hazard sources identification of electrochemical energy storage station				2023- 10-01
314	GB/T 42315-2023	Code of maintenance for electrochemical energy storage station				2023- 10-01
315	GB/T 42316-2023	Technical specification for centralized monitoring and control system of distributed energy storage				2023- 10-01
316	GB/T 42317-2023	Code for emergency exercises of electrochemical energy storage station				2023- 10-01
317	GB/T 42318-2023	Guide for environmental impact assessment of electrochemical energy storage station				2023- 10-01
318	GB/T 21373-2023	Intellectual property documentation and information—Classification and codes			GB/T 21373-2008	2023- 10-01
319	GB/T 42385-2023	Candles—Specification for fire safety				2023- 10-01
320	GB/T 42386-2023	Candles vocabulary				2023- 10-01
321	GB/T 22346-2023	Quality grade of chestnut			GB/T 22346-2008	2023- 10-01
322	GB/T 42305-2023	Code of practice for cultivation of Cinnamomum cassia Presl				2023- 10-01
323	GB/T 42484-2023	Code of practice for cultivation of Dendrobium huoshanense				2023-03- 17
324	GB/T 42497-2023	Guidelines for risk assessment of import commodity quality in cross-border E-commerce				2023-03- 17
325	GB/T 42498-2023	Specification for online dispute resolution in E-commerce				2023-07-01
326	GB/T 42499-2023	Classification and codes for complaint and reporting information of E-commerce				2023-07-01
327	GB/T 42420-2023	Smart community infrastructures—Specification for data acquisition and reporting of residential community infrastructure in case of public health emergency				2023- 10-01

328	GB/T 42421-2023	Quality requirements for digital science popularization resource				2023-03- 17
329	GB/T 26765-2023	Specifications for motor vehicle safety inspection business information system and networking			GB/T 26765-2011	2023- 10-01
330	GB/T 42345-2023	Vanadium titanomagnetite—Quantitative analysis method				2023- 10-01
331	GB/T 42346-2023	Comprehensive utilization of vanadium titanium magnetite—Terms and definitions				2023- 10-01
332	GB/T 42418-2023	Guide to government publishing at grass-roots level				2023-03- 17
333	GB/T 42482-2023	Technical specification for packaging, storage and cold-chain transportation of fresh white jelly fungus				2023-07-01
334	GB/T 42468. 1-2023	Specifications for rescue and restoration of paper archives—Part 1: Grading of damage				2023- 10-01
335	GB/T 42468.2-2023	Specifications for rescue and restoration of paper archives—Part 2: Surveys of preservation conditions				2023- 10-01
336	GB/T 42468.3-2023	Specifications for rescue and restoration of paper archives—Part 3: Quality requirements for restoration				2023- 10-01
337	GB/T 16731-2023	Classification of sound absorption property for absorbent products using in buildings	ISO 11654:1997	Modified	GB/T 16731- 1997	2023- 10-01
338	GB/T 17729-2023	Hygienic standard and detect methods for the air quality inside interurban bus			GB/T 17729-2009, GB/T 28370-2012	2023- 10-01
339	GB/T 27874-2023	Technical requirement and assessment method of energy saving products and technologies for marine			GB/T 27874-2011, GB/T 27878-2011	2023-07-01
340	GB/T 42326-2023	Codes for inland waterways				2023-07-01

341	GB/T 42427-2023	Testing technical specification of GNSS augmentation positioning module for transportation system				2023-07-01
342	GB/T 42428-2023	Performance index and monitoring technical specification of GNSS augmentation service for transport				2023-07-01
343	GB/T 5750. 1-2023	Standard examination methods for drinking water—Part 1: General principles			GB/T 5750. 1-2006	2023- 10-01
344	GB/T 5750.2-2023	Standard examination methods for drinking water—Part 2: Collection and preservation of water samples			GB/T 5750.2-2006	2023- 10-01
345	GB/T 5750.3-2023	Standard examination methods for drinking water—Part 3: Water analysis quality control			GB/T 5750.3-2006	2023- 10-01
346	GB/T 5750.4-2023	Standard examination methods for drinking water—Part 4: Organoleptic and physical indices			GB/T 5750.4-2006	2023- 10-01
347	GB/T 5750.5-2023	Standard examination methods for drinking water—Part 5: Inorganic nonmetallic indices			GB/T 5750.5-2006	2023- 10-01
348	GB/T 5750.6-2023	Standard examination methods for drinking water—Part 6: Metal and metalloid indices			GB/T 5750.6-2006	2023- 10-01
349	GB/T 5750.7-2023	Standard examination methods for drinking water—Part 7: Aggregate organic indices			GB/T 5750.7-2006	2023- 10-01
350	GB/T 5750.8-2023	Standard examination methods for drinking water—Part 8: Organic indices			GB/T 5750.8-2006, GB/T 32470-2016	2023- 10-01
351	GB/T 5750.9-2023	Standard examination methods for drinking water—Part 9: Pesticides indices			GB/T 5750.9-2006	2023- 10-01
352	GB/T 5750. 10-2023	Standard examination methods for drinking water—Part 10: Disinfection by-products indices			GB/T 5750. 10-2006	2023- 10-01
353	GB/T 5750. 11-2023	Standard examination methods for drinking water—Part 11: Disinfectants indices			GB/T 5750. 11-2006	2023- 10-01
354	GB/T 5750. 12-2023	Standard examination methods for drinking water—Part 12: Microbiological indices			GB/T 5750. 12-2006	2023- 10-01

355	GB/T 5750. 13-2023	Standard examination methods for drinking water—Part 13: Radiological indices			GB/T 5750. 13-2006	2023- 10-01
356	GB/T 42384-2023	Health informatics—Data exchange standards—HL7 clinical document architecture (release 2)	ISO/HL7 27932:2009	Modified		2023-03- 17
357	GB/T 42410-2023	Health informatics—Profiling framework for traditional Chinese medicine informatics standards	ISO/TS 18790-1:2015	Modified		2023-03- 17
358	GB/T 42478-2023	Specifications for production record of agricultural product				2023-03- 17
359	GB/T 42479-2023	Specifications for agricultural market information release				2023-03- 17
360	GB/T 42493-2023	Guidelines for management consultancy services	ISO 20700:2017	Modified		2023-03- 17
361	GB/T 23188-2023	Tricholoma matsutake			GB/T 23188-2008	2023- 10-01
362	GB/T 42365-2023	Technical guidance for evaluation of sustainability of agricultural products circulation service				2023- 10-01
363	GB/T 42480-2023	Specialized farmers cooperatives—Guidelines for the construction of production management information system				2023- 10-01
364	GB/T 42320-2023	Technical directives for planning of energy internet				2023- 10-01
365	GB/T 42322-2023	Energy internet system—Interconnection of active distribution network				2023- 10-01
366	GB/T 42441-2023	Biomimetics—Biomimetic materials, structures and components	ISO 18457:2016	Equivalent		2023- 10-01
367	GB/T 42444-2023	Biomimetics—Terminology, concepts and methodology	ISO 18458:2015	Equivalent		2023- 10-01
368	GB/Z 42353-2023	Guidelines for good practices in zeta-potential measurement	ISO/TR 19997:2018	Equivalent		2023- 10-01

369	GB/Z 42510-2023	Specification for credit rating evaluation of hotel industry				2023-03- 17
370	GB/Z 42358-2023	Iron ores—Wavelength dispersive X-ray fluorescence spectrometers—Determination of precision	ISO/TR 18231:2016	Modified		2023- 10-01
371	GB/Z 42476-2023	Societal security—Emergency management—Message structure for exchange of information	ISO/TR 22351:2015	Modified		2023-03- 17
372	GB/Z 42344-2023	Verify guidance for computerized system of pharmaceutical machinery (equipment)				2023- 10-01
373	GB/Z 42468.4-2023	Specifications for rescue and restoration of paper archives—Part 4: Guidelines on restoration				2023- 10-01
374	GB/T 1536-2021 (Amendment)	Rapeseed oil			GB/T 1536-2004	2023-03- 17
375	GB/T 3883.201-2017 (Amendment)	Safety of motor-operated hand-held, transportable and garden tools—Part 2: Particular requirements for drills and impact drills			GB/T 3883.6-2012	2023-03- 17
376	GB/T 18877-2020 (Amendment)	Organic inorganic compound fertilizer			GB/T 18877-2009	2023-03- 17
377	GB/T 21017-2021 (Amendment)	Technical specifications for maize drying			GB/T 21017-2007	2023-03- 17
378	GB/T 23347-2021 (Amendment)	Olive oil and olive-pomace oil			GB/T 23347-2009	2023-03- 17
379	GB/T 39248-2020 (Amendment)	Thermoplastic multi-layer (non-vulcanized) hoses and hose assemblies for the transfer of hydrocarbons, solvents and chemicals—Specification	ISO 27127:2014	Equivalent		2023-03- 17