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Registration No. CNAS L0730

Accreditation Criteria: ISO/IEC 17025:2017 and relevant requirements of CNAS

Effective Date: 2025-01-26 Expiry Date: 2029-10-21

SCHEDULE 3 ACCREDITED TESTING SCOPE

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
Ⅰ Geometry Measurement						
1	Metallic and Plastic Parts	1	Dimensions	Geometrical product Specifications(GPS) - Inspection of Plain workpiece size GB/T 3177-2009 5.1		2023-10-23
				Dimensional tolerances for moulded plastic part GB/T 14486-2008 4		2023-10-23
		2	Form and Position Tolerance	Geometrical Product Specifications(GPS)-Geometrical tolerance-Verification GB/T 1958-2017 7		2023-10-23
		3	Surface Texture	Geometrical product specifications(GPS) - Surface texture: Profile method - Rules and procedures for the assessment of surface texture GB/T10610-2009 6.2		2023-10-23
		4	Angle	Geometrical product specifications(GPS)—Dimensional tolerancing—Part 3:Angular sizes GB/T 38762.3-2020 5.2		2023-10-23
2	Building ground	1	Flatness	Specification for quality of building ground GB50209-2010 5.7		2023-10-23
		2	Ground Elevation Difference	Specification for quality of building ground GB50209-2010 5.7		2023-10-23

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3	Swimming pool and diving platform	1	Dimension for Swimming Pool	Technical requirements and test methods for sports field—Part 2:Swimming GB/T 22517.2-2024 4.2.1		2025-01-26
		2	Dimension for Diving Platform	Technical requirements and test methods for sports field—Part 2:Swimming GB/T 22517.2-2024 4.3.3		2025-01-26
4	Grassed surface for football fields	1	Ball Rebound Rate	Technical requirements and test methods for natural material sport fields:Grassed surface for football fields GB/T19995.1-2005 6.4		2023-10-23
		2	Gradient	Technical requirements and test methods for natural material sport fields:Grassed surface for football fields GB/T19995.1-2005 6.6		2023-10-23
		3	Distance of Ball Rolling	Technical requirements and test methods for natural material sport fields:Grassed surface for football fields GB/T19995.1-2005 6.5		2023-10-23
5	Wooden floor for multipurpose gymnasium	1	Flatness	Technical requirements and test methods for natural material sport fields:Wooden floor for multipurpose gymnasium GB/T19995.2-2005 6.2.7		2023-10-23
		2	Impact Absorbing	Technical requirements and test methods for natural material sport fields:Wooden floor for multipurpose gymnasium GB/T19995.2-2005 6.2.1		2023-10-23
		3	Ball Rebound Rate	Technical requirements and test methods for natural material sport fields:Wooden floor for multipurpose gymnasium GB/T19995.2-2005 6.2.2		2023-10-23
6	Track and field	1	Flatness	International Track and field association standard 2008 5.5		2023-10-23
		2	Course Draw	International Track and field association standard 2008 5.6		2023-10-23
7	Swimming place	1	Dimension	Operation conditions and technical requirements for gymnasium and playground-Part 1:Swimming place GB 19079.1-2013 5.12		2023-10-23
		2	Static Coefficient of Friction of Ground	Operation conditions and technical requirements for gymnasium and playground-Part 1:Swimming place GB 19079.1-2013 5.7		2023-10-23

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		№	Item/ Parameter			
		3	Illuminance	Operation conditions and technical requirements for gymnasium and playground-Part 1:Swimming place GB 19079.1-2013 5.11		2023-10-23
8	Skiing place	1	Dimension	Operation conditions and technical requirements for gymnasium and playground-Part 6:Skiing place GB 19079.6-2013 5.1		2023-10-23
		2	Thickness of Compacted Snow Layer	Operation conditions and technical requirements for gymnasium and playground-Part 6:Skiing place GB 19079.6-2013 5.1.1		2023-10-23
		3	Illuminance	Operation conditions and technical requirements for gymnasium and playground-Part 6:Skiing place GB 19079.6-2013 5.2.3		2023-10-23
9	Scuba diving place	1	Dimension	Operation conditions and technical requirements for gymnasium and playground-Part10:Skiing place GB 19079.10-2013 5.1		2023-10-23
		2	Static Coefficient of Friction of Ground	Operation conditions and technical requirements for gymnasium and playground-Part10:Skiing place GB 19079.10-2013 5.1.1		2023-10-23
		3	Illuminance	Operation conditions and technical requirements for gymnasium and playground-Part10:Skiing place GB 19079.10-2013 5.1.3		2023-10-23
10	Numerically Conrolled Machine	1	Positioning	Test code for machine tools--Part 2:Determination of accuracy and repeatability of positioning numerically controlled axes GB/T 17421.2-2023 7.2		2024-05-07
		2	Repeatability of positioning	Test code for machine tools—Part 2:Determination of accuracy and repeatability of positioning of numerically controlled axes GB/T 17421.2-2023 7.2		2024-05-07
11	γ Ray Thickness Gauge	1	Error of Indication	Thickness gauges utilizing ionizing radiation GB/T 15636-2008 6		2023-10-23
12	X Ray Thickness Gauge	1	Error of Indication	Thickness gauges utilizing ionizing radiation GB/T 15636-2008 6		2023-10-23
13	Electro-optical distance meters(EDM)	1	Phase inhomogeneities of emitting and	Electro-optical distance meters(EDM Instruments) GB/T14267-2009 5.3		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
			photodiode			
		2	Resolution	Electro-optical distance meters(EDM Instruments) GB/T14267-2009 5.5		2023-10-23
		3	Repeatability	Electro-optical distance meters(EDM Instruments) GB/T14267-2009 5.10		2023-10-23
		4	Standard diviation of distance measuring	Electro-optical distance meters(EDM Instruments) GB/T14267-2009 5.8		2023-10-23
		5	Additive constant	Electro-optical distance meters(EDM Instruments) GB/T14267-2009 5.7		2023-10-23
		6	Standard diviation of distance measuring	Electro-optical distance meters(EDM Instruments) GB/T14267-2009 5.7		2023-10-23
		7	Scale correction	Electro-optical distance meters(EDM Instruments) GB/T14267-2009 5.7		2023-10-23
		8	Standard diviation of scale correction	Electro-optical distance meters(EDM Instruments) GB/T14267-2009 5.7		2023-10-23
14	Hand-held laser distance meter	1	Repeatability	Electro-optical distance meters(EDM Instruments) GB/T 14267-2009 5.10		2023-10-23
		2	Resolution	Electro-optical distance meters(EDM Instruments) GB/T 14267-2009 5.5		2023-10-23
		3	Measuring range	Electro-optical distance meters(EDM Instruments) GB/T 14267-2009 5.12.2.1 5.12.2.2		2023-10-23
		4	Standard diviation	Electro-optical distance meters(EDM Instruments) GB/T 14267-2009 5.7.3		2023-10-23
		5	Additive constant	Electro-optical distance meters(EDM Instruments) GB/T 14267-2009 5.7.3		2023-10-23
		6	Standard diviation of distance	Electro-optical distance meters(EDM Instruments) GB/T 14267-2009 5.7.3		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
			measuring			
		7	Indication error	Program of Pattern Evaluation for Hand-held Distance Instruments JJF1313-2011 8.2.1		2023-10-23
		8	Repeatability	Program of Pattern Evaluation for Hand-held Distance Instruments JJF1313-2011 8.2.2		2023-10-23
		9	Coherence of measurement at each base	Program of Pattern Evaluation for Hand-held Distance Instruments JJF1313-2011 8.2.3		2023-10-23
15	Optical Theodolite	1	Standard deviation of horizontal direction in an observation set	Optical theodolite GB/T3161-2015 6.2.1		2023-10-23
		2	Standard deviation of vertical angle in an observation set	Optical theodolite GB/T3161-2015 6.3.1		2023-10-23
		3	Index error of vertical circle	Optical theodolite GB/T3161-2015 6.5		2023-10-23
		4	Compensative error of vertical circle	Optical theodolite GB/T3161-2015 6.7.1-6.7.3		2023-10-23
16	Electronic Theodolites	1	Collimation error	Total Station GB/T 27663-2011 5.7		2023-10-23
		2	Error of lateral axis	Total Station GB/T 27663-2011 5.6		2023-10-23
		3	Standard deviation of horizontal direction in an observation set	Total Station GB/T 27663-2011 5.1		2023-10-23
		4	Standard deviation of vertical angle in an observation set	Total Station GB/T 27663-2011 5.2		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		5	Index error of vertical circle	Total Station GB/T 27663-2011 5.4		2023-10-23
		6	Compensative error of vertical circle	Total Station GB/T 27663-2011 5.8.2.3.1		2023-10-23
		7	Error of centralization	Program of Pattern Evaluation for Electronic Theodolites JJF 1323-2011 8.2.11		2023-10-23
17	Total Station	1	Standard deviation of horizontal direction in an observation set	Total Station GB/T 27663-2011 5.1		2023-10-23
		2	Standard deviation of vertical angle in an observation set	Total Station GB/T 27663-2011 5.2		2023-10-23
		3	Collimation error	Total Station GB/T 27663-2011 5.7		2023-10-23
		4	Error of lateral axis	Total Station GB/T 27663-2011 5.6		2023-10-23
		5	Index error of vertical circle	Total Station GB/T 27663-2011 5.4		2023-10-23
		6	Compensative error of vertical circle	Total Station GB/T 27663-2011 5.8.2.3.1		2023-10-23
		7	Repeatability of measurement	Total Station GB/T 27663-2011 5.19		2023-10-23
		8	Standard deviation about the measurement	Total Station GB/T 27663-2011 5.21.1-5.21.2		2023-10-23
18	Level	1	standard deviation of level at 1km	Level GB/T 10156-2009 5.2		2023-10-23
		2	adjustment error of vertical axis	Level GB/T 10156-2009 5.10		2023-10-23

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		№	Item/ Parameter			
		3	error of micrometer movement	Level GB/T 10156-2009 5.11		2023-10-23
		4	angle error i	Level GB/T 10156-2009 5.12		2023-10-23
		5	level error of sight axis	Level GB/T 10156-2009 5.16.1		2023-10-23
		6	compensation error	Level GB/T 10156-2009 5.16.2		2023-10-23
		7	adjustment error of vertical axis	Program of Pattern Evaluation for Levels JJF1322-2011 8.2.4		2023-10-23
		8	error of micrometer movement	Program of Pattern Evaluation for Levels JJF1322-2011 8.2.5		2023-10-23
		9	focus error fo telescope	Program of Pattern Evaluation for Levels JJF1322-2011 8.2.7		2023-10-23
		10	angle error i	Program of Pattern Evaluation for Levels JJF1322-2011 8.2.6		2023-10-23
		11	crossover error	Program of Pattern Evaluation for Levels JJF1322-2011 8.2.8		2023-10-23
		12	compensation error and range	Program of Pattern Evaluation for Levels JJF1322-2011 8.2.9		2023-10-23
		13	error of double pendulum	Program of Pattern Evaluation for Levels JJF1322-2011 8.2.11		2023-10-23
		14	standard deviation of level at 1km	Program of Pattern Evaluation for Levels JJF1322-2011 8.2.13		2023-10-23
19	Geodetic GPS receiver	1	verification of the receiver	Specification for global positioning system (GPS) GB/T 18314-2009 9.2.1		2023-10-23
		2	accuracy	Global navigation satellite systems(GNSS)-Part 1:Global positioning system(GPS)-Receiver equipment-Performance STANDARDs,methods of testing and required test results GB/T18214.1-2000 5.6.4		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		3	ablility of receiver fix the position	Global navigation satellite systems(GNSS)-Part 1:Global positioning system(GPS)-Receiver equipment-Performance STANDARDs,methods of testing and required test results GB/T18214.1-2000 5		2023-10-23
		4	Error of centralization	P.P.E.for global positioning system (GPS)receivers (geodesic) JJF1347-2012 8.2.1		2023-10-23
		5	Internal noise standard	P.P.E.for global positioning system (GPS)receivers (geodesic) JJF1347-2012 8.2.2		2023-10-23
		6	Coherence of antenna phasic center	P.P.E.for global positioning system (GPS)receivers (geodesic) JJF1347-2012 8.2.3		2023-10-23
		7	Error of static survey	P.P.E.for global positioning system (GPS)receivers (geodesic) JJF1347-2012 8.2.4		2023-10-23
		8	Initialization time of RTK data link	P.P.E.for global positioning system (GPS)receivers (geodesic) JJF1347-2012 8.2.5		2023-10-23
		9	Error of RTK survey	P.P.E.for global positioning system (GPS)receivers (geodesic) JJF1347-2012 8.2.6		2023-10-23
20	General specification for in-vehicle satellite navigation equipment	1	Positional accuracy	General specification for in-vehicle satellite navigation equipment GB/T 19392-2013 5.3.1		2023-10-23
		2	Location update rate	General specification for in-vehicle satellite navigation equipment GB/T 19392-2013 5.3.2		2023-10-23
		3	Starting time	General specification for in-vehicle satellite navigation equipment GB/T 19392-2013 5.3.3		2023-10-23
21	Vehicle travelling data recorder	1	Record the performance tests	Vehicle travelling data recorder GB/T 19056-2021 5.5.1		2023-10-23
		2	Positioning performance test	Vehicle travelling data recorder GB/T 19056-2021 5.5.2		2023-10-23
22	Optical plummet	1	standard deviation of plumbing line in one circle	Optical plummet JB/T 9319-1999 6.1		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		2	compensation error	Optical plummet JB/T 9319-1999 6.2		2023-10-23
		3	plumb error of directrix	Optical plummet JB/T 9319-1999 6.3		2023-10-23
		4	focus error of telescope	Optical plummet JB/T 9319-1999 6.5		2023-10-23
		5	adjustment error of vertical axis	Optical plummet JB/T 9319-1999 6.7		2023-10-23
23	Laser rotator	1	Laser Power	Laser rotator JB/T 11666-2013 6.1		2023-10-23
		2	accuracy	Laser rotator JB/T 11666-2013 6.2		2023-10-23
		3	level	Laser rotator JB/T 11666-2013 6.3		2023-10-23
24	Levelling staffs	1	perpendicularity between lognitudinal axes	Geodetic instruments-Levelling staffs JB/T 9315-1999 5.5		2023-10-23
		2	camber of divided surface	Geodetic instruments-Levelling staffs JB/T 9315-1999 5.6		2023-10-23
		3	Level rod standard deviation of scale	Geodetic instruments-Levelling staffs JB/T 9315-1999 5.8		2023-10-23
		4	Error of a pair of staffs' zero difference	Geodetic instruments-Levelling staffs JB/T 9315-1999 5.9		2023-10-23
25	Invar bar-coded levelling staffs	1	camber of divided surface	Specifications for the first and second order leveling GB/T 12897-2006 B 3		2023-10-23
		2	perpendicularity between lognitudinal axes	Specifications for the first and second order leveling GB/T 12897-2006 B 5.2		2023-10-23
		3	Error of a pair of staffs' zero	Specifications for the first and second order leveling GB/T 12897-2006 B 4.2		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
			difference			
		4	Level rod standard deviation of scale	Specifications for the first and second order leveling GB/T 12897-2006 6.3		2023-10-23
		5	staffs'error about nominal value to average per meter	Specifications for the first and second order leveling GB/T 12897-2006 6.3		2023-10-23
26	Magnetostrictive Liquid Level Meter	1	Displacement accuracy	Magnetostrictive liquid level meter GB/T 21117-2007	Accredited only for:Upper limit≤30 m	2023-10-23
		2	Nonlinearity	Magnetostrictive liquid level meter GB/T 21117-2007	Accredited only for:Upper limit≤30 m	2023-10-23
		3	Return difference	Magnetostrictive liquid level meter GB/T 21117-2007	Accredited only for:Upper limit≤30 m	2023-10-23
		4	Repeatability	Magnetostrictive liquid level meter GB/T 21117-2007	Accredited only for:Upper limit≤30 m	2023-10-23
		5	Reverberation Time	Magnetostrictive liquid level meter GB/T 21117-2007	Accredited only for:Upper limit≤30 m	2023-10-23
		6	Load resistance	Magnetostrictive liquid level meter GB/T 21117-2007	Accredited only for:Upper	2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
					limit≤30 m	
		7	Power change	Magnetostrictive liquid level meter GB/T 21117-2007	Accredited only for:Upper limit≤30 m	2023-10-23
		8	Power petection	Magnetostrictive liquid level meter GB/T 21117-2007	Accredited only for:Upper limit≤30 m	2023-10-23
27	Karting Circuit	1	Lllumination	Operation conditions and technical requirements for gymnasium and playground Part 2: Karting circuit GB19079.2-2005 5.1		2023-10-23
		2	Quality of Karting Circuit	Operation conditions and technical requirements for gymnasium and playground Part 2: Karting circuit GB19079.2-2005 5.1.2		2023-10-23
				Criteria of karting circuit construction GB19197-2003		2023-10-23
28	Bar Code Verifier	1	Maximum Reflectance	Information technology - Automatic Identification and data capture techniques - Bar code verifier conformance specification - Part 1: Linear symbols GB/T 26228.1-2010 8		2023-10-23
				Information technology-Automatic identification and data capture techniques-Bar code verifier conformance specification-Part 2: Two-dimensional symbols ISO/IEC 15426-2:202 8		2024-05-07
		2	Minimum Reflectance	Information technology - Automatic Identification and data capture techniques - Bar code verifier conformance specification - Part 1: Linear symbols GB/T 26228.1-2010 8		2023-10-23
				Information technology-Automatic identification and data capture techniques-Bar code verifier conformance specification-Part 2: Two-dimensional symbols ISO/IEC 15426-2:2023 8		2024-05-07
		3	Codeword Yield	Information technology-Automatic identification and data capture techniques-Bar code verifier conformance specification-Part 2: Two-dimensional symbols ISO/IEC 15426-2:2023 8		2024-05-07

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		4	Grid Nonuniformity	Information technology-Automatic identification and data capture techniques-Bar code verifier conformance specification-Part 2: Two-dimensional symbols ISO/IEC 15426-2:2023 8		2024-05-07
		5	Axial Nonuniformity	Information technology-Automatic identification and data capture techniques-Bar code verifier conformance specification-Part 2: Two-dimensional symbols ISO/IEC 15426-2:2023 8		2024-05-07
		6	Contrast Uniformity	Information technology-Automatic identification and data capture techniques-Bar code verifier conformance specification-Part 2: Two-dimensional symbols ISO/IEC 15426-2:2023 8		2024-05-07
		7	Unused error correction	Information technology-Automatic identification and data capture techniques-Bar code verifier conformance specification-Part 2: Two-dimensional symbols ISO/IEC 15426-2:2023 8		2024-05-07
		8	Fixed Pattern Damage	Information technology-Automatic identification and data capture techniques-Bar code verifier conformance specification-Part 2: Two-dimensional symbols ISO/IEC 15426-2:2023 8		2024-05-07
Ⅱ Force & Mass Measurement						
1	Electronic Universal Testing Machine	1	Applied force System	Electronic Universal Testing Machine GB/T16491-2022 6.3		2023-10-23
				Program of Pattern Evalution of Static Uniaxial Testing Machine-Part1:Electronic Universal Testing Machine JJF 1296.1-2011 9.3.1		2023-10-23
		2	Force measuring system	Electronic Universal Testing Machine GB/T16491-2022 6.4		2023-10-23
				Program of Pattern Evalution of Static Uniaxial Testing Machine-Part1:Electronic Universal Testing Machine JJF 1296.1-2011 9.3.2		2023-10-23
		3	Extensometer system	Electronic Universal Testing Machine GB/T16491-2022 6.5		2023-10-23
				Program of Pattern Evalution of Static Uniaxial Testing Machine-Part1:Electronic Universal Testing Machine JJF 1296.1-2011		2023-10-23

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				9.3.3		
		4	Displacement measurement system	Electronic Universal Testing Machine GB/T16491-2022 6.6		2023-10-23
				Program of Pattern Evalution of Static Uniaxial Testing Machine-Part1:Electronic Universal Testing Machine JJF 1296.1-2011 9.3.4		2023-10-23
		5	Control system	Electronic Universal Testing Machine GB/T16491-2022 6.7		2023-10-23
				Program of Pattern Evalution of Static Uniaxial Testing Machine-Part1:Electronic Universal Testing Machine JJF 1296.1-2011 9.3.5		2023-10-23
		6	Computer data acquisition system	Electronic Universal Testing Machine GB/T16491-2022 6.8		2023-10-23
				Program of Pattern Evalution of Static Uniaxial Testing Machine-Part1:Electronic Universal Testing Machine JJF 1296.1-2011 9.3.6		2023-10-23
2	Electro-hydraulic servo universal testing machines	1	Applied force System	Electro-hydraulic servo universal testing machines GB/T16826-2023 5.3		2024-09-29
				Program of Pattern Evalution of Static Uniaxial Testing Machine-Part2:Electro-hydraulic Servo Universal Testing Machine JJF 1296.2-2011 6.1		2023-10-23
		2	Force measuring system	Electro-hydraulic servo universal testing machines GB/T16826-2023 5.4		2024-09-29
				Program of Pattern Evalution of Static Uniaxial Testing Machine-Part2:Electro-hydraulic Servo Universal Testing Machine JJF 1296.2-2011 6.2		2023-10-23
		3	Displacement measuring system	Electro-hydraulic servo universal testing machines GB/T16826-2023 5.5		2024-09-29
				Program of Pattern Evalution of Static Uniaxial Testing Machine-Part2:Electro-hydraulic Servo Universal Testing Machine JJF		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
				1296.2-2011 6.3		
		4	Control system	Electro-hydraulic servo universal testing machines GB/T16826-2023 5.6		2024-09-29
				Program of Pattern Evalution of Static Uniaxial Testing Machine-Part2:Electro-hydraulic Servo Universal Testing Machine JJF 1296.2-2011 6.4		2023-10-23
		5	Computer data acquisition system	Electro-hydraulic servo universal testing machines GB/T16826-2023 5.7		2024-09-29
				Program of Pattern Evalution of Static Uniaxial Testing Machine-Part2:Electro-hydraulic Servo Universal Testing Machine JJF 1296.2-2011 6.5		2023-10-23
3	Hydraulic universal testing machine	1	Applied force System	Hydraulic universal testing machine GB/T3159-2008 5.3		2023-10-23
				Program of Pattern Evalution of Static Uniaxial Testing Machine-Part3:Hydraulic Universal Testing Machine JJF 1296.3-2011 6.1		2023-10-23
		2	Force measuring system	Hydraulic universal testing machine GB/T3159-2008 5.4		2023-10-23
				Program of Pattern Evalution of Static Uniaxial Testing Machine-Part3:Hydraulic Universal Testing Machine JJF 1296.3-2011 6.2		2023-10-23
4	High-Temperature Creep and Stress-Rupture Testing Machines	1	Applied force Ststem	Verification of static uniaxial testing machines—Part 2: Tension creep testing machines—Verification of the applied force GB/T16825.2-2018 5.5.6		2023-10-23
				Program of Pattern Evaluation of High - Temperature Creep and Stress - Rupture Testing Machines JJF1298-2011 6.1		2023-10-23
		2	Force measuring system	Verification of static uniaxial testing machines—Part 2: Tension creep testing machines—Verification of the applied force GB/T16825.2-2018 5.6		2023-10-23

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		№	Item/ Parameter			
				Program of Pattern Evaluation of High - Temperature Creep and Stress - Rupture Testing Machines JJF1298-2011 6.2		2023-10-23
		3	Extensometer	Program of Pattern Evaluation of High - Temperature Creep and Stress - Rupture Testing Machines JJF1298-2011 6.3		2023-10-23
		4	Temperature measurement and control system	Verification of static uniaxial testing machines—Part 2: Tension creep testing machines—Verification of the applied force GB/T16825.2-2018 5.3.3		2023-10-23
				Program of Pattern Evaluation of High - Temperature Creep and Stress - Rupture Testing Machines JJF1298-2011 6.4		2023-10-23
		5	Timing device	Program of Pattern Evaluation of High - Temperature Creep and Stress - Rupture Testing Machines JJF1298-2011 6.5		2023-10-23
5	Rotating Pure Bending Fatigue Testing Machines	1	Applied force System	Pure bending fatigue testing machines-Technical specification JB/T9374-2015 5.2-5.6		2023-10-23
				Program of Pattern Evalution for Fatigue Testing Machines-Part2:Rotating Pure Bending Fatigue Testing Machines JJF1315.2-2011 6.1		2023-10-23
		2	driving system	Program of Pattern Evalution for Fatigue Testing Machines-Part2:Rotating Pure Bending Fatigue Testing Machines JJF1315.2-2011 6.2		2023-10-23
		3	Both sides performance testing	Pure bending fatigue testing machines-Technical specification JB/T9374-2015 5.7-5.10		2023-10-23
		4	Cycle counter	Pure bending fatigue testing machines-Technical specification JB/T9374-2015 5.12		2023-10-23
				Program of Pattern Evalution for Fatigue Testing Machines-Part2:Rotating Pure Bending Fatigue Testing Machines JJF1315.2-2011 6.3		2023-10-23
		5	Heating system	Pure bending fatigue testing machines-Technical specification JB/T9374-2015 5.13		2023-10-23
				Program of Pattern Evalution for Fatigue Testing Machines-Part2:Rotating Pure Bending Fatigue Testing Machines		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
				JJF1315.2-2011 6.4		
6	Cupping Testing Machine	1	size	Technical requirement of Cupping Testing Machine JB/T7408-2013 6.3.1		2023-10-23
				Program of Pattern Evaluation of Cupping Testing Machine JJF1297-2011 6.1		2023-10-23
		2	Ball head surface roughness	Technical requirement of Cupping Testing Machine JB/T7408-2013 6.3.5		2023-10-23
				Program of Pattern Evaluation of Cupping Testing Machine JJF1297-2011 6.2		2023-10-23
		3	Clamping force	Technical requirement of Cupping Testing Machine JB/T7408-2013 6.3.7		2023-10-23
				Program of Pattern Evaluation of Cupping Testing Machine JJF1297-2011 6.3		2023-10-23
		4	verticality	Technical requirement of Cupping Testing Machine JB/T7408-2013 6.3.10		2023-10-23
				Program of Pattern Evaluation of Cupping Testing Machine JJF1297-2011 6.4		2023-10-23
		5	coaxiality	Technical requirement of Cupping Testing Machine JB/T7408-2013 6.3.8		2023-10-23
				Program of Pattern Evaluation of Cupping Testing Machine JJF1297-2011 6.5		2023-10-23
		6	zero value error	Technical requirement of Cupping Testing Machine JB/T7408-2013 6.3.11		2023-10-23
				Program of Pattern Evaluation of Cupping Testing Machine JJF1297-2011 6.6		2023-10-23
		7	cupping error	Technical requirement of Cupping Testing Machine JB/T7408-2013 6.3.12		2023-10-23
				Program of Pattern Evaluation of Cupping Testing Machine JJF1297-2011 6.7		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
7	Torsion Testing Machine	1	Torque	Specifications for torsion testing machines JB/T9370-2015 5.3.5		2023-10-23
				Program of Pattern Evaluation of Torsion Testing Machines JJF1299-2011 8.3.2		2023-10-23
8	Metallic Rockwell Hardness	1	Hardness	Metallic materials—Rockwell hardness test—Part 1:Test method GB/T230.1-2018 ISO6508-1-2016 7	Only for: Scale A,B,C	2023-10-23
9	Metallic Rockwell Hardness	1	Hardness	Metallic materials-Brinell hardness test-Part 1:Test method GB/T231.1-2018 ISO6506-1-2014 7		2023-10-23
10	Metallic Rockwell Hardness	1	Hardness	Metallic materials - Vickers hardness test - Part 1: Test method GB/T4340.1-2024 ISO6507-1:2023 7		2025-01-26
11	International Rubber Hardness	1	Hardness	Rubber, vulcanized or thermoplastic - Determination of hardness - Part 2: Hardness between 10 IRHD and 100 IRHD ISO 48-2-2018 10		2023-10-23
				Rubber, vulcanized or thermoplastic -- Determination of hardness - Part 5: Indentation hardness by IRHD pocket meter method ISO 48-5:2018 8		2023-10-23
				Rubber，vulcanized or thermoplastic-Determination of hardness (hardness between 10 IRHD and 100 IRHD) GB/T 6031-2017 10		2023-10-23
12	Shore Hardness	1	Hardness	Rubber vulcanized or thermoplastic - Determination of indentation hardness - Part 1：Durometer method （Shore hardness） GB/T531.1-2008 ISO 48-4:2018 7		2023-10-23
				Plastics and ebonite - Determination of indentation hardness by means of a durometer (Shore hardness) ISO868-2003 8		2023-10-23
13	Plastics Rockwell Hardness	1	Hardness	Plastics; Determination of hardness; Part 2 : Rockwell hardness GB/T3398.2-2008 ISO2039-2-1987 7		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
14	Automatic gravimetric filling instruments	1	Preheating time	Automatic gravimetric filling instruments GB/T27738-2011 A.5.2		2023-10-23
		2	Zero setting and skin removing device	Automatic gravimetric filling instruments GB/T27738-2011 A.5.3		2023-10-23
		3	Influence factor test	Automatic gravimetric filling instruments GB/T27738-2011 A.6.2		2023-10-23
		4	DC power supply voltage variation	Automatic gravimetric filling instruments GB/T27738-2011 A.6.4.1		2023-10-23
		5	span stability	Automatic gravimetric filling instruments GB/T27738-2011 A.7		2023-10-23
		6	Material test method	Automatic gravimetric filling instruments GB/T27738-2011 A.8.2.2		2023-10-23
		7	Material test determination of degree of accuracy	Automatic gravimetric filling instruments GB/T27738-2011 A.8.2		2023-10-23
15	Continuous totalizing automatic weighing instruments (belt weighers)	1	Preheating time	Continuous totalizing automatic weighing instruments (belt weighers) GB/T7721-2017 OIML R50:2014 Appendix A		2023-10-23
		2	Analog velocity deviation	Continuous totalizing automatic weighing instruments (belt weighers) GB/T7721-2017 OIML R50:2014 Appendix A		2023-10-23
		3	Partial load	Continuous totalizing automatic weighing instruments (belt weighers) GB/T7721-2017 OIML R50:2014 Appendix A		2023-10-23
		4	Zero setting device	Continuous totalizing automatic weighing instruments (belt weighers) GB/T7721-2017 OIML R50:2014 Appendix A		2023-10-23
		5	Influence factor test	Continuous totalizing automatic weighing instruments (belt weighers) GB/T7721-2017 OIML R50:2014 Appendix A		2023-10-23
		6	Measurement performance test	Continuous totalizing automatic weighing instruments (belt weighers) GB/T7721-2017 OIML R50:2014 Appendix A		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		7	Field test	Continuous totalizing automatic weighing instruments (belt weighers) GB/T7721-2017 OIML R50:2014 Appendix A		2023-10-23
		8	Field material test	Continuous totalizing automatic weighing instruments (belt weighers) GB/T7721-2017 OIML R50:2014 Appendix A		2023-10-23
16	Discontinuous totalizing automatic weighing instruments (totalizing hopper weighers)	1	Measurement test	Discontinuous Totalising Automatic Weighing Instrument（totalizing hopper weighers) GB/T28013-2011 A.5		2023-10-23
		2	Other functions	Discontinuous Totalising Automatic Weighing Instrument（totalizing hopper weighers) GB/T28013-2011 A.6		2023-10-23
		3	Influence factor and Interference test	Discontinuous Totalising Automatic Weighing Instrument（totalizing hopper weighers) GB/T28013-2011 A.7		2023-10-23
		4	span stability	Discontinuous Totalising Automatic Weighing Instrument（totalizing hopper weighers) GB/T28013-2011 A.8		2023-10-23
17	Automatic instrument for weighing road vehicles in motion	1	Performance test	Automatic instruments for weighing road vehicles in motion—Part 1：General technical specification GB/T 21296.1-2020 A.4.1		2023-10-23
		2	span stability	Automatic instruments for weighing road vehicles in motion—Part 1：General technical specification GB/T 21296.1-2020 A.4.4		2023-10-23
		3	Dynamic weighing test	Automatic instruments for weighing road vehicles in motion—Part 1：General technical specification GB/T 21296.1-2020 10.4		2023-10-23
18	Electronic portable platform and bench scale	1	Appearance and status check	Electronic portable platform and bench scale GB/T7722-2020 7.1.2		2023-10-23
		2	performance test	Electronic portable platform and bench scale GB/T7722-2020 7.2		2023-10-23
		3	Influence factor	Electronic portable platform and bench scale GB/T7722-2020 7.3		2023-10-23
		4	span stability	Electronic portable platform and bench scale GB/T7722-2020 7.5		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		5	Durability test	Electronic portable platform and bench scale GB/T7722-2020 7.7		2023-10-23
19	Electronic crane scale	1	Zero check	General technical specification for electronic crane and hanging scale GB/T 11883-2017 7.3		2023-10-23
		2	Weighing test	General technical specification for electronic crane and hanging scale GB/T11883-2017 7.4.1		2023-10-23
		3	Rotation test	General technical specification for electronic crane and hanging scale GB/T11883-2017 7.4.2		2023-10-23
		4	Skin test	General technical specification for electronic crane and hanging scale GB/T11883-2017 7.4.3		2023-10-23
		5	Discrimination threshold test	General technical specification for electronic crane and hanging scale GB/T11883-2017 7.4.4		2023-10-23
		6	Repeatability test	General technical specification for electronic crane and hanging scale GB/T11883-2017 7.4.5		2023-10-23
		7	Time dependent test	General technical specification for electronic crane and hanging scale GB/T11883-2017 7.4.6		2023-10-23
		8	Equilibrium stability test	General technical specification for electronic crane and hanging scale GB/T11883-2017 7.4.7		2023-10-23
		9	Influence factor test	General technical specification for electronic crane and hanging scale GB/T11883-2017 7.4.8		2023-10-23
		10	span stability	General technical specification for electronic crane and hanging scale GB/T11883-2017 7.4.10		2023-10-23
		11	Functional test	General technical specification for electronic crane and hanging scale GB/T11883-2017 7.4.11		2023-10-23
20	None-self-indicating weighing instruments	1	Appearance and main parts inspection	None-self-indicating weighing instrument GB/T 335-2019 6.1.5		2023-10-23
		2	Zero and variable test	None-self-indicating weighing instrument GB/T 335-2019 6.2.1		2023-10-23
				Program of Pattern Evaluation of Non-automatic Weighing		2023-10-23

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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
				Instruments（None-self-indicating weighing instruments） JJF 1336-2012 9.4.2		
		3	Maximum value and sensitivity test of measuring lever scale	None-self-indicating weighing instrument GB/T 335-2019 6.2.2		2023-10-23
				Program of Pattern Evaluation of Non-automatic Weighing Instruments（None-self-indicating weighing instruments） JJF 1336-2012 9.4.7		2023-10-23
		4	Partial load test	None-self-indicating weighing instrument GB/T 335-2019 6.2.3		2023-10-23
				Program of Pattern Evaluation of Non-automatic Weighing Instruments（None-self-indicating weighing instruments） JJF 1336-2012 9.4.5		2023-10-23
		5	Scale accuracy and maximum scale sensitivity test	None-self-indicating weighing instrument GB/T 335-2019 6.2.4		2023-10-23
				Program of Pattern Evaluation of Non-automatic Weighing Instruments（None-self-indicating weighing instruments） JJF 1336-2012 9.4.3		2023-10-23
		6	Back to zero test	None-self-indicating weighing instrument GB/T 335-2019 6.2.5		2023-10-23
		7	Metering lever separate test	None-self-indicating weighing instrument GB/T 335-2019 6.2.6		2023-10-23
				Program of Pattern Evaluation of Non-automatic Weighing Instruments（None-self-indicating weighing instruments） JJF 1336-2012 9.4.10		2023-10-23
		8	Repeatability test	None-self-indicating weighing instrument GB/T 335-2019 6.2.7		2023-10-23
				Program of Pattern Evaluation of Non-automatic Weighing Instruments（None-self-indicating weighing instruments） JJF 1336-2012 9.4.4		2023-10-23

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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		9	Maximum safe load test	None-self-indicating weighing instrument GB/T 335-2019 6.2.8		2023-10-23
		10	Ambient temperature	None-self-indicating weighing instrument GB/T 335-2019 6.2.9		2023-10-23
		11	Tilt test	None-self-indicating weighing instrument GB/T 335-2019 6.2.10		2023-10-23
				Program of Pattern Evaluation of Non-automatic Weighing Instruments（None-self-indicating weighing instruments） JJF 1336-2012 9.4.8		2023-10-23
21	Spring dial scale/Analogue indicating weighing instruments	1	Weighing performancetest	Spring dial scale GB/T11884-2008 7.5		2023-10-23
				Program of Pattern Evaluation of Non-automatic Weighing Instruments（Analogue indicating weighing instruments） JJF 1355-2012 9.6		2023-10-23
		2	Partial load test	Spring dial scale GB/T11884-2008 7.6		2023-10-23
				Program of Pattern Evaluation of Non-automatic Weighing Instruments（Analogue indicating weighing instruments） JJF 1355-2012 9.8		2023-10-23
		3	Rotation test	Spring dial scale GB/T11884-2008 7.7		2023-10-23
				Program of Pattern Evaluation of Non-automatic Weighing Instruments（Analogue indicating weighing instruments） JJF 1355-2012 9.9		2023-10-23
		4	Discrimination test	Spring dial scale GB/T11884-2008 7.8		2023-10-23
				Program of Pattern Evaluation of Non-automatic Weighing Instruments（Analogue indicating weighing instruments） JJF 1355-2012 9.10		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		5	Repeatability test	Spring dial scale GB/T11884-2008 7.9		2023-10-23
				Program of Pattern Evaluation of Non-automatic Weighing Instruments（Analogue indicating weighing instruments） JJF 1355-2012 9.7		2023-10-23
		6	Creep and zero test	Spring dial scale GB/T11884-2008 7.10		2023-10-23
				Program of Pattern Evaluation of Non-automatic Weighing Instruments（Analogue indicating weighing instruments） JJF 1355-2012 9.11		2023-10-23
		7	Tilt test	Spring dial scale GB/T11884-2008 7.11		2023-10-23
				Program of Pattern Evaluation of Non-automatic Weighing Instruments（Analogue indicating weighing instruments） JJF 1355-2012 9.12		2023-10-23
		8	Temperature and humidity test	Spring dial scale GB/T11884-2008 7.12		2023-10-23
				Program of Pattern Evaluation of Non-automatic Weighing Instruments（Analogue indicating weighing instruments） JJF 1355-2012 9.13		2023-10-23
		9	Durability test	Spring dial scale GB/T11884-2008 7.13		2023-10-23
				Program of Pattern Evaluation of Non-automatic Weighing Instruments（Analogue indicating weighing instruments） JJF 1355-2012 9.14		2023-10-23
		10	Multiple indicator	Spring dial scale GB/T11884-2008 7.14		2023-10-23
		11	Spare parts	Spring dial scale GB/T11884-2008 7.15		2023-10-23
22	Body scale	1	Zero and variable test	Electronic body scale QB/T2065-2023 5.2		2024-05-07

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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		2	Partial load test	Electronic body scale QB/T 2065-2023 5.3		2024-05-07
		3	sensitivity test	Electronic body scale QB/T 2065-2023 5.4		2024-05-07
		4	Scale accuracy test	Electronic body scale QB/T 2065-2023 5.5、5.6		2024-05-07
		5	Repeatability test	Body scale QB/T 2065-2023 5.7		2024-05-07
		6	Maximum safe load test	Electronic body scale QB/T 2065-2023 5.8		2024-05-07
		7	Test knife ， knife bearing ， gear grinding ， plate reduction	Electronic body scale QB/T 2065-2023 5.9		2024-05-07
		8	Metering spring test	Electronic body scale QB/T 2065-2023 5.10		2024-05-07
23	Fixed location electronic instrument	1	Visual inspection	Fixed location electronic weighing instrument GB/T 7723-2017 7.1.2		2023-10-23
		2	Zero inspection	Fixed location electronic weighing instrument GB/T 7723-2017 7.2		2023-10-23
		3	Weighing performance	Fixed location electronic weighing instrument GB/T 7723-2017 7.3		2023-10-23
		4	Skin test	Fixed location electronic weighing instrument GB/T 7723-2017 7.4		2023-10-23
		5	Partial load test	Fixed location electronic weighing instrument GB/T 7723-2017 7.5		2023-10-23
		6	Discrimination test	Fixed location electronic weighing instrument GB/T 7723-2017 7.6		2023-10-23
		7	Repeatability test	Fixed location electronic weighing instrument GB/T 7723-2017 7.7		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		8	Time dependent test	Fixed location electronic weighing instrument GB/T 7723-2017 7.8		2023-10-23
		9	Equilibrium stability test	Fixed location electronic weighing instrument GB/T 7723-2017 7.9		2023-10-23
		10	Multiple indicator	Fixed location electronic weighing instrument GB/T 7723-2017 7.10		2023-10-23
		11	Influence factor test	Fixed location electronic weighing instrument GB/T 7723-2017 7.11		2023-10-23
		12	span stability	Fixed location electronic weighing instrument GB/T 7723-2017 7.13		2023-10-23
		13	Software review and testing	Fixed location electronic weighing instrument GB/T 7723-2017 7.14		2023-10-23
		14	Compatibility check	Fixed location electronic weighing instrument GB/T 7723-2017 7.15		2023-10-23
		15	Testing of adhesion strength of surface coating film	Fixed location electronic weighing instrument GB/T 7723-2017 7.16		2023-10-23
24	Eletronic balance	1	Appearance and structure test	Electronic balance GB/T26497-2022 7.4		2023-10-23
		2	Measurement performance test	Electronic balance GB/T26497-2022 7.5		2023-10-23
		3	Test of influence factor	Electronic balance GB/T26497-2022 7.6		2023-10-23
		4	Warm-up time test	Electronic balance GB/T26497-2022 7.8		2023-10-23
		5	Functional test	Electronic balance GB/T26497-2022 7.7		2023-10-23
		6	Test of indication of weighing results	Electronic balance GB/T26497-2022 7.9		2023-10-23
		7	Zero setting device	Electronic balance GB/T26497-2022 7.10		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
			and zero tracking device test			
		8	Skinning device test	Electronic balance GB/T26497-2022 7.11		2023-10-23
		9	Damp heat,steady test	Electronic balance GB/T26497-2022 7.14		2023-10-23
		10	span stability	Electronic balance GB/T26497-2022 7.15		2023-10-23
25	Mechanical balance	1	Appearance and structure test	Mechanical balance GB/T25107-2010 5.3		2023-10-23
		2	Measurement performance test	Mechanical balance GB/T25107-2010 5.4		2023-10-23
		3	Experiment of balance level	Mechanical balance GB/T25107-2010 5.5		2023-10-23
		4	Test scale and pointer	Mechanical balance GB/T25107-2010 5.6		2023-10-23
		5	Durability test	Mechanical balance GB/T25107-2010 5.8		2023-10-23
26	Table balances	1	Appearance check	Table Balances QB/T2087-2016 7.2		2023-10-23
		2	Measurement performance test	Table Balances QB/T2087-2016 7.3		2023-10-23
		3	Inspection of supporting weights	Table Balances QB/T2087-2016 7.3		2023-10-23
		4	Maximum safety load test	Table Balances QB/T2087-2016 7.5		2023-10-23
		5	Hardness test	Table Balances QB/T2087-2016 7.6		2023-10-23
27	Electronic Weighing Moisture	1	Appearance and function test	Electronic Weighing Moisture Analyzer Of Oven Drying GB/T29249-2012 6.3		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
	Analyzer Of Oven Drying	2	Measuring device test	Electronic Weighing Moisture Analyzer Of Oven Drying GB/T29249-2012 6.4		2023-10-23
		3	Drying device test	Electronic Weighing Moisture Analyzer Of Oven Drying GB/T29249-2012 6.5		2023-10-23
		4	Other test	Electronic Weighing Moisture Analyzer Of Oven Drying GB/T29249-2012 6.7		2023-10-23
		5	Zero range	Program of Pattern Evaluation of Thermogravimetric Moisture Meters JJF1367-2022 9.8.1		2023-10-23
		6	Zero setting accuracy	Program of Pattern Evaluation of Thermogravimetric Moisture Meters JJF1367-2022 9.8.2		2023-10-23
		7	Weighing indication erro	Program of Pattern Evaluation of Thermogravimetric Moisture Meters JJF1367-2022 9.8.2		2023-10-23
		8	Error evaluation	Program of Pattern Evaluation of Thermogravimetric Moisture Meters JJF1367-2022 9.8.4		2023-10-23
		9	Tangerine peel weighing test	Program of Pattern Evaluation of Thermogravimetric Moisture Meters JJF1367-2022 9.8.5、9.8.6		2023-10-23
		10	Weighing repeatability	Program of Pattern Evaluation of Thermogravimetric Moisture Meters JJF1367-2022 9.8.7		2023-10-23
		11	Time dependent test	Program of Pattern Evaluation of Thermogravimetric Moisture Meters JJF1367-2022 9.8.8		2023-10-23
		12	Equilibrium stability test	Program of Pattern Evaluation of Thermogravimetric Moisture Meters JJF1367-2022 9.8.9		2023-10-23
		13	Moisture measurement error	Program of Pattern Evaluation of Thermogravimetric Moisture Meters JJF1367-2022 9.8.10		2023-10-23
		14	Moisture measurement repeatability	Program of Pattern Evaluation of Thermogravimetric Moisture Meters JJF1367-2022 9.8.11		2023-10-23
		15	span stability	Program of Pattern Evaluation of Thermogravimetric Moisture Meters JJF1367-2022 9.8.15		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		16	Temperature test	Program of Pattern Evaluation of Thermogravimetric Moisture Meters JJF1367-2022 9.8.12		2023-10-23
		17	Power supply voltage variation	Program of Pattern Evaluation of Thermogravimetric Moisture Meters JJF1367-2022 9.8.13		2023-10-23
28	Mechanical Weighing Moisture Analyzer Of Oven Drying	1	Appearance and function test	Mechanical Weighing Moisture Analyzer Of Oven Drying GB/T27506-2011 5.3		2023-10-23
		2	Measuring device test	Mechanical Weighing Moisture Analyzer Of Oven Drying GB/T27506-2011 5.4		2023-10-23
		3	Drying device test	Mechanical Weighing Moisture Analyzer Of Oven Drying GB/T27506-2011 5.5		2023-10-23
		4	Other important components test	Mechanical Weighing Moisture Analyzer Of Oven Drying GB/T27506-2011 5.6		2023-10-23
		5	Voltage change test	Mechanical Weighing Moisture Analyzer Of Oven Drying GB/T27506-2011 5.7		2023-10-23
		6	safety reuirements test	Mechanical Weighing Moisture Analyzer Of Oven Drying GB/T27506-2011 5.8		2023-10-23
		7	Zero adjustment device	Program of Pattern Evaluation of Thermogravimetric Moisture Meters JJF1367-2022 9.7.1		2023-10-23
		8	Weighing indication error	Program of Pattern Evaluation of Thermogravimetric Moisture Meters JJF1367-2022 9.7.2		2023-10-23
		9	Weighing repeatability	Program of Pattern Evaluation of Thermogravimetric Moisture Meters JJF1367-2022 9.7.3		2023-10-23
		10	Moisture measurement error	Program of Pattern Evaluation of Thermogravimetric Moisture Meters JJF1367-2022 9.7.4		2023-10-23
		11	Moisture measurement repeatability	Program of Pattern Evaluation of Thermogravimetric Moisture Meters JJF1367-2022 9.7.5		2023-10-23
29	Electronic weighing meter	1	Zero inspection	Electronic weighing indicator GB/T7724-2023 7.3.2		2024-09-29

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		2	Weighing test	Electronic weighing indicator GB/T7724-2023 7.3.3		2024-09-29
		3	Skin test	Electronic weighing indicator GB/T7724-2023 7.3.4		2024-09-29
		4	Influence measurement	Electronic weighing indicator GB/T7724-2023 7.4		2024-09-29
		5	span stability	Electronic weighing indicator GB/T7724-2023 7.5		2024-09-29
		6	Software review and testing	Electronic weighing indicator GB/T7724-2023 7.6		2024-09-29
30	Load cells	1	Weighing sensor error	Load cells GB/T7551-2008 8.2.1		2023-10-23
		2	Repeatability error	Load cells GB/T7551-2008 8.2.1		2023-10-23
		3	Effect of temperature on minimum load output	Load cells GB/T7551-2008 8.2.1		2023-10-23
		4	Creep	Load cells GB/T7551-2008 8.2.2		2023-10-23
		5	Minimum stastic load output recovery	Load cells GB/T7551-2008 8.2.3		2023-10-23
		6	Atmospheric pressure efffect	Load cells GB/T7551-2008 8.2.4		2023-10-23
		7	Humidity efffect	Load cells GB/T7551-2008 8.2.5、8.2.6		2023-10-23
		8	Preheating time	Load cells GB/T7551-2008 8.2.7.2		2023-10-23
		9	Power supply Voltage variation	Load cells GB/T7551-2008 8.2.7.3		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		10	span stability	Load cells GB/T7551-2008 8.2.7.10		2023-10-23
		11	Zero output	Load cells GB/T7551-2008 8.2.8.4		2023-10-23
		12	Appearance	Load cells GB/T7551-2008 8.2.8.5		2023-10-23
31	Torsion Balance	1	Appearance and structure test	Torsion Balance GB/T25106-2010 5.3		2023-10-23
		2	Measurement performance test	Torsion Balance GB/T25106-2010 5.4		2023-10-23
32	Weights	1	Measurement performance	Weights of Classes E1, E2, F1, F2, M1, M1-2, M2, M2-3, M3 GB/T26797-2011 7.4.1		2023-10-23
		2	Shape	Weights of Classes E1, E2, F1, F2, M1, M1-2, M2, M2-3, M3 GB/T26797-2011 7.4.2		2023-10-23
		3	Structure	Weights of Classes E1, E2, F1, F2, M1, M1-2, M2, M2-3, M3 GB/T26797-2011 7.4.2		2023-10-23
		4	Material science	Weights of Classes E1, E2, F1, F2, M1, M1-2, M2, M2-3, M3 GB/T26797-2011 7.4.3		2023-10-23
		5	Magnetic	Weights of Classes E1, E2, F1, F2, M1, M1-2, M2, M2-3, M3 GB/T26797-2011 7.4.4		2023-10-23
		6	Dendity	Weights of Classes E1, E2, F1, F2, M1, M1-2, M2, M2-3, M3 GB/T26797-2011 7.4.5		2023-10-23
		7	Surface	Weights of Classes E1, E2, F1, F2, M1, M1-2, M2, M2-3, M3 GB/T26797-2011 7.4.6		2023-10-23
		8	Adjustment	Weights of Classes E1, E2, F1, F2, M1, M1-2, M2, M2-3, M3 GB/T26797-2011 7.4.7		2023-10-23
		9	Sign	Weights of Classes E1, E2, F1, F2, M1, M1-2, M2, M2-3, M3 GB/T26797-2011 7.4.8		2023-10-23
		10	Stability	Weights of Classes E1, E2, F1, F2, M1, M1-2, M2, M2-3, M3 GB/T26797-2011 7.4.9		2023-10-23

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		№	Item/ Parameter			
33	Sport climbing place	1	Climbing route width	Artificial climbing structures Part 2: Safety requirements and test methods for bouldering walls BS EN 12572-2:2017 4.1		2023-10-23
				Artificial climbing structures Part 1: Safety requirements and test methods for ACS with protection points BS EN 12572-1-2017 4.1		2023-10-23
				Operation conditions and technical requirements for gymnasium and playground - Part 4：Sport climbing place GB 19079.4 - 2014 5.1.2		2023-10-23
		2	Top Protection System bearing capacity	Artificial climbing structures Part 1: Safety requirements and test methods for ACS with protection points BS EN 12572-1-2017 Annex F		2023-10-23
				Operation conditions and technical requirements for gymnasium and playground - Part 4：Sport climbing place GB 19079.4 - 2014 5.1.3，5.2.1		2023-10-23
		3	Bearing capacity of protective hanger	Artificial climbing structures Part 1: Safety requirements and test methods for ACS with protection points BS EN 12572-1-2017 Annex F		2023-10-23
				Operation conditions and technical requirements for gymnasium and playground - Part 4：Sport climbing place GB 19079.4 - 2014 5.1.4，5.2.2		2023-10-23
		4	Static load resistance of rock slab	Artificial climbing structures Part 1: Safety requirements and test methods for ACS with protection points BS EN 12572-1-2017 Annex E		2023-10-23
				Artificial climbing structures Part 2: Safety requirements and test methods for bouldering walls BS EN 12572-2:2017 Annex E		2023-10-23
				Operation conditions and technical requirements for gymnasium and playground - Part 4：Sport climbing place GB 19079.4 - 2014 5.1.5		2023-10-23
		5	Dynamic load	Artificial climbing structures Part 1: Safety requirements and test		2023-10-23

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		№	Item/ Parameter			
			resistance of rock slab	methods for ACS with protection points BS EN 12572-1-2017 Annex D		
				Artificial climbing structures Part 2: Safety requirements and test methods for bouldering walls BS EN 12572-2:2017 Annex D		2023-10-23
				Operation conditions and technical requirements for gymnasium and playground - Part 4：Sport climbing place GB 19079.4 - 2014 5.1.6		2023-10-23
		6	Tensile resistance of fulcrum hole	Artificial climbing structures Part 1: Safety requirements and test methods for ACS with protection points BS EN 12572-1-2017 Annex E		2023-10-23
				Artificial climbing structures Part 2: Safety requirements and test methods for bouldering walls BS EN 12572-2:2017 Annex E		2023-10-23
				Operation conditions and technical requirements for gymnasium and playground - Part 4：Sport climbing place GB 19079.4 - 2014 5.1.7		2023-10-23
		7	Effective vertical height of rock wall	Artificial climbing structures Part 2: Safety requirements and test methods for bouldering walls BS EN 12572-2:2017 4.1		2023-10-23
				Operation conditions and technical requirements for gymnasium and playground - Part 4：Sport climbing place GB 19079.4 - 2014 5.1.8		2023-10-23
		8	Surface gap of protective pad	Artificial climbing structures Part 2: Safety requirements and test methods for bouldering walls BS EN 12572-2:2017 4.4		2023-10-23
				Operation conditions and technical requirements for gymnasium and playground - Part 4：Sport climbing place GB 19079.4 - 2014 5.3.3		2023-10-23
		9	Thickness of protective pad	Artificial climbing structures Part 2: Safety requirements and test methods for bouldering walls BS EN 12572-2:2017 4.2.2.2		2023-10-23
				Operation conditions and technical requirements for gymnasium and playground - Part 4：Sport climbing place GB 19079.4 - 2014 5.3.3		2023-10-23

The scope of the accreditation in Chinese remains the definitive version.

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		10	Protective mat coverage	Artificial climbing structures Part 2: Safety requirements and test methods for bouldering walls BS EN 12572-2:2017 4.3		2023-10-23
				Operation conditions and technical requirements for gymnasium and playground - Part 4：Sport climbing place GB 19079.4 - 2014 5.3.3		2023-10-23
		11	Ambient illuminance	Artificial climbing structures Part 1: Safety requirements and test methods for ACS with protection points GB18204.1-2013 8		2023-10-23
Ⅲ Flow & Capacity & Rotational speed measurement						
1	Diaphragm Gas Meters	1	Error of indication	Diaphragm gas meters GB/T6968-2019 6.1.1.2/6.1.1.6		2023-10-23
		2	Lost of Pressure	Diaphragm gas meters GB/T 6968-2011 GB/T6968-2019 6.1.2		2023-10-23
		3	Start flow	Diaphragm gas meters GB/T 6968-2011 GB/T6968-2019 6.1.3		2023-10-23
		4	Over flow	Diaphragm gas meters GB/T 6968-2011 GB/T6968-2019 6.1.4		2023-10-23
		5	Airtight	Diaphragm gas meters GB/T 6968-2011 GB/T6968-2019 6.2.1.1/6.2.1.2		2023-10-23
		6	Resist pressure	Diaphragm gas meters GB/T 6968-2011 GB/T6968-2019 6.2.2		2023-10-23
		7	Airtight of mechanical	Diaphragm gas meters GB/T 6968-2011 GB/T6968-2019 6.2.3		2023-10-23
		8	Mark	Diaphragm gas meters GB/T 6968-2011 GB/T6968-2019 6.9.2		2023-10-23
		9	Visual inspection	Diaphragm gas meters GB/T 6968-2011 GB/T6968-2019 6.9.1		2023-10-23
		10	Antireversal Device	Diaphragm gas meters GB/T6968-2019 6.4.3		2023-10-23
		11	Anti-reverse flow device	GB/T6968-2011 GB/T6968-2019 6.6.2		2023-10-23

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		№	Item/ Parameter			
		12	Auxiliary device of gas meter	Diaphragm gas meters GB/T6968-2019 Appendix C.2		2023-10-23
		13	Electromechanical conversion error	Diaphragm gas meters GB/T6968-2019 C.3.2.1.4		2023-10-23
		14	Anti-magnetic interference	Diaphragm gas meters GB/T6968-2019 C.3.2.1.8		2023-10-23
		15	Data storage	Diaphragm gas meters GB/T6968-2019 C.3.2.1.5		2023-10-23
		16	Data transmission	Diaphragm gas meters GB/T6968-2019 C.3.2.2.1		2023-10-23
		17	Remote control of Valve	Diaphragm gas meters GB/T6968-2019 C.3.2.2.2		2023-10-23
		18	Read Cumulant	Diaphragm gas meters GB/T6968-2019 C.3.2.2.3		2023-10-23
		19	Control function	Diaphragm gas meters GB/T6968-2019 C.3.2.3.1		2023-10-23
		20	Information feedback function	Diaphragm gas meters GB/T6968-2019 C.3.2.3.2		2023-10-23
		21	Remaining gas shortage prompt	Diaphragm gas meters GB/T6968-2019 C.3.2.3.3.1		2023-10-23
		22	Misoperation prompt	Diaphragm gas meters GB/T6968-2019 C.3.2.3.3.2		2023-10-23
		23	transaction completion prompt	Diaphragm gas meters GB/T6968-2019 C.3.2.3.3.3		2023-10-23
2	Taximeter	1	Visual inspection	Program of pattern evaluation for taximeters JJF1604-2016 5		2023-10-23
		2	distance-couting error	Program of pattern evaluation for taximeters JJF1604-2016 6.2.1		2023-10-23
		3	Time-counting error	Program of pattern evaluation for taximeters JJF1604-2016 10.2		2023-10-23

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		№	Item/ Parameter			
		4	speed shift error	Program of pattern evaluation for taximeters JJF1604-2016 10.3		2023-10-23
		5	permanent clock error	Program of pattern evaluation for taximeters JJF1604-2016 10.5		2023-10-23
		6	type function inspection	Program of pattern evaluation for taximeters JJF1604-2016 10.10		2023-10-23
		7	Protection fuction for power loss	Program of pattern evaluation for taximeters JJF1604-2016 7.2.5		2023-10-23
		8	Range and resolution	Program of pattern evaluation for taximeters JJF1604-2016 6.1		2023-10-23
		9	Responding time for speed shift	Program of pattern evaluation for taximeters JJF1604-2016 10.4		2023-10-23
		10	displayer	Program of pattern evaluation for taximeters JJF1604-2016 10.6		2023-10-23
		11	taximeter constant k	Program of pattern evaluation for taximeters JJF1604-2016 10.7		2023-10-23
		12	self-inspection	Program of pattern evaluation for taximeters JJF1604-2016 10.8		2023-10-23
		13	clock self-calibraton	Program of pattern evaluation for taximeters JJF1604-2016 7.2.2		2023-10-23
		14	Price adjust	Program of pattern evaluation for taximeters JJF1604-2016 10.11		2023-10-23
		15	Counting mode	Program of pattern evaluation for taximeters JJF1604-2016 7.3		2023-10-23
		16	Basic principle for counting fare	Program of pattern evaluation for taximeters JJF1604-2016 10.12		2023-10-23
3	Net Quantity of Products in Prepackages With Fixed	1	Mass	Rule of Metrological Testing for Net Quantity of Products in Prepackages With Fixed Content JJF1070-2005 Annex C		2023-10-23
				Rules of Metrological Testing for Net Quantity of Soap Products in Prepackages with Fixed Content JJF1070.1-2011 5,6		2023-10-23

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		№	Item/ Parameter			
	Content			Rules of Metrological Testing for Net Quantity of Wheat Flour Products in Prepackages with Fixed Content JJF1070.2-2011 4,5		2023-10-23
		2	Volume	Rule of Metrological Testing for Net Quantity of Products in Prepackages With Fixed Content JJF1070-2005 Annex D		2023-10-23
				Rules of Metrology Testing for Package of Food and Cosmetics JJF1244-2010 4,5		2023-10-23
		3	Length	Rule of Metrological Testing for Net Quantity of Products in Prepackages With Fixed Content JJF1070-2005 Annex E		2023-10-23
		4	Area	Rule of Metrological Testing for Net Quantity of Products in Prepackages With Fixed Content JJF1070-2005 Annex F		2023-10-23
		5	Counting	Rule of Metrological Testing for Net Quantity of Products in Prepackages With Fixed Content JJF1070-2005 Annex G		2023-10-23
				Rules of Metrological Testing for Net Quantity of Soap Products in Prepackages with Fixed Content JJF1070.1-2011 4,5,6		2023-10-23
				Rules of Metrology Testing for Package of Food and Cosmetics JJF1244-2010 4,5,6		2023-10-23
4	Industrial fans	1	Velocity of flow	Industial fans--Performance testing in situ GB/T 10178-2006ISO 5802-2001 6.2	Accredited only for: (0.2～50)m/s	2023-10-23
5	Blancing Machines	1	Minimum achievable residual specific unbalance	Mechanical vibration—Rotor balancing—Part 21: Description and evaluation of balancing machines GB/T 9239.21-2019 6	Accredited only for: (0.1～50)g·mm/kg	2023-10-23
		2	Unbalance reduction ratio	Mechanical vibration—Rotor balancing—Part 21: Description and evaluation of balancing machines GB/T 9239.21-2019 7.3	Accredited only for: (0～99)%	2023-10-23

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		№	Item/ Parameter			
6	Low speed Wind tunnel	1	The size of test section	Test specification for meteorological low speed wind tunnel performance QX/T 84-2007 5		2023-10-23
		2	Measuring range of wind speed	Test specification for meteorological low speed wind tunnel performance QX/T 84-2007 5.1		2023-10-23
		3	Uniformity of velocity	Test specification for meteorological low speed wind tunnel performance QX/T 84-2007 5.2		2023-10-23
		4	Stability of velocity	Test specification for meteorological low speed wind tunnel performance QX/T 84-2007 5.3		2023-10-23
		5	Velocity ratio	Test specification for meteorological low speed wind tunnel performance QX/T 84-2007 5.4		2023-10-23
7	Ruber ageing tests box	1	Wind speed	Ruber，vulcanized or thermoplastic—Accelerated ageing and heat resistance tests-Air-oven method GB/T 3512-2014 4	(0～10)m/s	2023-10-23
8	Retailed commodities in weighing	1	inadequate weight	Rules of metrological testing for retailed commodities in weighing JJF 1647-2017 5.2		2023-10-23
Ⅳ Electromagnetic Measurement						
1	Electrical Meters for Measuring Alternating-current Electrical Energy	1	Power consumption	Electricity metering equipment(AC)—General requirements, tests and test conditions—Part 11：Metering equipment GB/T17215.211-2021 4.4		2023-10-23
				Electricity metering equipment (AC)—Particular requirements—Part 23: Static meters for reactive energy (classes 2 and 3) GB/T 17215.323-2022 4.4		2023-10-23
				Electricity metering equipment（AC)—Particular requirements—Part 24: Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3) GB/T 17215.324-2022 4.4		2023-10-23
				Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment IEC 62052-11:2020 4.4		2023-10-23

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		№	Item/ Parameter			
				Program of Pattern Evaluation of Fixed AC Electricity Meters—Special Requirements and Safety Requirements JJF 1245.4-2019 6.5.9.5		2023-10-23
				Technical specification for single phase smart electricity meters Q/GDW 10364-2020 4.6.1,5.6.1		2023-10-23
				Technical specification for poly-phase smart electricity meters Q/GDW 10827-2020 4.6.1,5.6.1		2023-10-23
		2	Apparent inspection	Program of Pattern Evaluation of Fixed AC Electricity Meters—Active Electrical Energy Meters JJF 1245.1-2019 5,6.1,6.5,8.1 9		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters—Reactive Electrical Energy Meters JJF 1245.3-2019 5,6.1,6.5,8 9		2023-10-23
		3	Nominal electrical values	Electricity metering equipment(AC)—General requirements, tests and test conditions—Part 11：Metering equipment GB/T17215.211-2021 4.1,4.2,4.3		2023-10-23
				Electricity metering equipment (AC)—Particular requirements—Part 21：Static meters for active energy(classes A, B, C, D and E) GB/T 17215.321-2021 4.1,4.2,4.3		2023-10-23
				Electricity metering equipment (AC)—Particular requirements—Part 23: Static meters for reactive energy (classes 2 and 3) GB/T 17215.323-2022 4.1,4.2,4.3		2023-10-23
				Electricity metering equipment（AC)—Particular requirements—Part 24: Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3) GB/T 17215.324-2022 4.1,4.2,4.3		2023-10-23
				Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment IEC 62052-11:2020 4.1,4.2,4.3		2023-10-23
				Electricity metering equipment - Particular requirements - Part 21: Static meters for AC active energy (classes 0,5, 1 and 2) IEC 62053-21:2020 4.1,4.2,4.3		2023-10-23

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		№	Item/ Parameter			
				Electricity metering equipment - Particular requirements - Part 22: Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S) IEC 62053-22:2020 4.1,4.2,4.3		2023-10-23
				Electricity metering equipment - Particular requirements - Part 23: Static meters for reactive energy (classes 2 and 3) IEC 62053-23:2020 4.1,4.2,4.3		2023-10-23
				Electricity metering equipment - Particular requirements - Part 24: Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3) IEC 62053-24:2020 4.1,4.2,4.3		2023-10-23
				Technical specification for single phase smart electricity meters Q/GDW 10364-2020 4.1		2023-10-23
				Technical specification for poly-phase smart electricity meters Q/GDW 10827-2020 4.1		2023-10-23
		4	Window	Electricity metering equipment(AC)—General requirements, tests and test conditions—Part 11：Metering equipment GB/T17215.211-2021 5.3		2023-10-23
				Electricity metering equipment (AC)—Particular requirements—Part 23: Static meters for reactive energy (classes 2 and 3) GB/T 17215.323-2022 5.3		2023-10-23
				Electricity metering equipment（AC)—Particular requirements—Part 24: Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3) GB/T 17215.324-2022 5.3		2023-10-23
				Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment IEC 62052-11:2020 5.3		2023-10-23
				Technical specification for single phase smart electricity meters Q/GDW 10364-2020 4.3.3		2023-10-23
				Technical specification for poly-phase smart electricity meters Q/GDW 10827-2020 4.3.3		2023-10-23

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		№	Item/ Parameter			
		5	Terminals – Terminal block(s) – Protective conductor terminal	Electricity metering equipment (AC)—Particular requirements—Part 23: Static meters for reactive energy (classes 2 and 3) GB/T 17215.323-2022 5.4		2023-10-23
				Electricity metering equipment（AC)—Particular requirements—Part 24: Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3) GB/T 17215.324-2022 5.4		2023-10-23
				Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment IEC 62052-11:2020 5.4		2023-10-23
				Technical specification for single phase smart electricity meters Q/GDW 10364-2020 4.3.2		2023-10-23
				Technical specification for poly-phase smart electricity meters Q/GDW 10827-2020 4.3.2		2023-10-23
		6	Sealing provisions	Electricity metering equipment(AC)—General requirements, tests and test conditions—Part 11：Metering equipment GB/T17215.211-2021 5.4		2023-10-23
				Electricity metering equipment (AC)—Particular requirements—Part 23: Static meters for reactive energy (classes 2 and 3) GB/T 17215.323-2022 5.5		2023-10-23
				Electricity metering equipment（AC)—Particular requirements—Part 24: Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3) GB/T 17215.324-2022 5.5		2023-10-23
				Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment IEC 62052-11:2020 5.5		2023-10-23
		7	Display of measured values	Electricity metering equipment(AC)—General requirements, tests and test conditions—Part 11：Metering equipment GB/T17215.211-2021 5.5		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
				Electricity metering equipment (AC)—Particular requirements—Part 23: Static meters for reactive energy (classes 2 and 3) GB/T 17215.323-2022 5.6		2023-10-23
				Electricity metering equipment（AC)—Particular requirements—Part 24: Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3) GB/T 17215.324-2022 5.6		2023-10-23
				Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment IEC 62052-11:2020 5.6		2023-10-23
				Technical specification for single phase smart electricity meters Q/GDW 10364-2020 4.3.3		2023-10-23
				Technical specification for poly-phase smart electricity meters Q/GDW 10827-2020 4.3.3		2023-10-23
		8	Storage of measured values	Electricity metering equipment(AC)—General requirements, tests and test conditions—Part 11：Metering equipment GB/T17215.211-2021 5.6		2023-10-23
				Electricity metering equipment (AC)—Particular requirements—Part 23: Static meters for reactive energy (classes 2 and 3) GB/T 17215.323-2022 5.7		2023-10-23
				Electricity metering equipment（AC)—Particular requirements—Part 24: Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3) GB/T 17215.324-2022 5.7		2023-10-23
				Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment IEC 62052-11:2020 5.7		2023-10-23
		9	Pulse outputs	Electricity metering equipment(AC)—General requirements, tests and test conditions—Part 11：Metering equipment GB/T17215.211-2021 5.7		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
				Electricity metering equipment (AC)—Particular requirements—Part 23: Static meters for reactive energy (classes 2 and 3) GB/T 17215.323-2022 5.8		2023-10-23
				Electricity metering equipment（AC)—Particular requirements—Part 24: Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3) GB/T 17215.324-2022 5.8		2023-10-23
				Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment IEC 62052-11:2020 5.8		2023-10-23
				Technical specification for single phase smart electricity meters Q/GDW 10364-2020 4.3.4		2023-10-23
				Technical specification for poly-phase smart electricity meters Q/GDW 10827-2020 4.3.4		2023-10-23
		10	Electrical pulse inputs	Electricity metering equipment(AC)—General requirements, tests and test conditions—Part 11：Metering equipment GB/T17215.211-2021 5.8		2023-10-23
				Electricity metering equipment (AC)—Particular requirements—Part 23: Static meters for reactive energy (classes 2 and 3) GB/T 17215.323-2022 5.9		2023-10-23
				Electricity metering equipment（AC)—Particular requirements—Part 24: Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3) GB/T 17215.324-2022 5.9		2023-10-23
				Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment IEC 62052-11:2020 5.9		2023-10-23
		11	Auxiliary power supply	Electricity metering equipment (AC)—Particular requirements—Part 23: Static meters for reactive energy (classes 2 and 3) GB/T 17215.323-2022 5.10		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
				Electricity metering equipment（AC)—Particular requirements—Part 24: Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3) GB/T 17215.324-2022 5.10		2023-10-23
				Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment IEC 62052-11:2020 5.10		2023-10-23
				Technical specification for poly-phase smart electricity meters Q/GDW 10827-2020 5.6.1.3		2023-10-23
		12	operation indicator	Electricity metering equipment(AC)—General requirements, tests and test conditions—Part 11：Metering equipment GB/T17215.211-2021 5.9		2023-10-23
		13	Meter marking and documentation	Electricity metering equipment(AC)—General requirements, tests and test conditions—Part 11：Metering equipment GB/T17215.211-2021 6		2023-10-23
				Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment IEC 62052-11:2020 6		2023-10-23
		14	Meter constant	Electricity metering equipment(AC)—General requirements, tests and test conditions—Part 11：Metering equipment GB/T17215.211-2021 7.3		2023-10-23
				Electricity metering equipment (AC)—Particular requirements—Part 23: Static meters for reactive energy (classes 2 and 3) GB/T 17215.323-2022 7.4		2023-10-23
				Electricity metering equipment（AC)—Particular requirements—Part 24: Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3) GB/T 17215.324-2022 7.4		2023-10-23
				Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment IEC 62052-11:2020		2023-10-23

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		№	Item/ Parameter			
				7.4		
				Program of Pattern Evaluation of Fixed AC Electricity Meters—Active Electrical Energy Meters JJF 1245.1-2019 6.5.2,9.2.5		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters—Reactive Electrical Energy Meters JJF 1245.3-2019 6.5.2,9.2.5		2023-10-23
				Technical specification for single phase smart electricity meters Q/GDW 10364-2020 4.5.4,5.2.4		2023-10-23
				Technical specification for poly-phase smart electricity meters Q/GDW 10827-2020 4.5.4,5.2.4		2023-10-23
		15	Initial start-up of the meter	Electricity metering equipment (AC)—Particular requirements—Part 23: Static meters for reactive energy (classes 2 and 3) GB/T 17215.323-2022 7.5		2023-10-23
				Electricity metering equipment（AC)—Particular requirements—Part 24: Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3) GB/T 17215.324-2022 7.5		2023-10-23
				Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment IEC 62052-11:2020 7.5		2023-10-23
		16	Test of no-load condition	Electricity metering equipment(AC)—General requirements, tests and test conditions—Part 11：Metering equipment GB/T17215.211-2021 7.4		2023-10-23
				Electricity metering equipment (AC)—Particular requirements—Part 23: Static meters for reactive energy (classes 2 and 3) GB/T 17215.323-2022 7.6		2023-10-23
				Electricity metering equipment（AC)—Particular requirements—Part 24: Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3) GB/T 17215.324-2022 7.6		2023-10-23

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		№	Item/ Parameter			
				Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment IEC 62052-11:2020 7.6		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters—Active Electrical Energy Meters JJF 1245.1-2019 6.2.4,9.2.4		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters—Reactive Electrical Energy Meters JJF 1245.3-2019 6.2.4,9.2.4		2023-10-23
				Technical specification for single phase smart electricity meters Q/GDW 10364-2020 4.5.3,5.2.3		2023-10-23
				Technical specification for poly-phase smart electricity meters Q/GDW 10827-2020 4.5.3,5.2.3		2023-10-23
		17	Starting current test	Electricity metering equipment(AC)—General requirements, tests and test conditions—Part 11：Metering equipment GB/T17215.211-2021 7.5		2023-10-23
				Electricity metering equipment (AC)—Particular requirements—Part 23: Static meters for reactive energy (classes 2 and 3) GB/T 17215.323-2022 7.7		2023-10-23
				Electricity metering equipment（AC)—Particular requirements—Part 24: Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3) GB/T 17215.324-2022 7.7		2023-10-23
				Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment IEC 62052-11:2020 7.7		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters—Active Electrical Energy Meters JJF 1245.1-2019 6.2.3,9.2.3		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters—Reactive Electrical Energy Meters JJF 1245.3-2019 6.2.3,9.2.3		2023-10-23
				Technical specification for single phase smart electricity meters Q/GDW 10364-2020 4.5.2,5.2.2		2023-10-23

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		№	Item/ Parameter			
				Technical specification for poly-phase smart electricity meters Q/GDW 10827-2020 4.5.2,5.2.2		2023-10-23
		18	initial intrinsic error	Electricity metering equipment(AC)—General requirements, tests and test conditions—Part 11：Metering equipment GB/T17215.211-2021 7.6		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters—Active Electrical Energy Meters JJF 1245.1-2019 6.2.3,9.2.1		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters—Reactive Electrical Energy Meters JJF 1245.3-2019 6.2.2,9.2.1		2023-10-23
				Technical specification for single phase smart electricity meters Q/GDW 10364-2020 4.5.1,5.2.1		2023-10-23
				Technical specification for poly-phase smart electricity meters Q/GDW 10827-2020 4.5.1,5.2.1		2023-10-23
		19	base maximum permissible error	Electricity metering equipment (AC)—Particular requirements—Part 21：Static meters for active energy(classes A, B, C, D and E) GB/T 17215.321-2021 7.6		2023-10-23
				Technical specification for single phase smart electricity meters Q/GDW 10364-2020 4.5.1,5.2.1		2023-10-23
				Technical specification for poly-phase smart electricity meters Q/GDW 10827-2020 4.5.1,5.2.1		2023-10-23
		20	Limits of error due to variation of the curren	Electricity metering equipment (AC)—Particular requirements—Part 23: Static meters for reactive energy (classes 2 and 3) GB/T 17215.323-2022 7.9		2023-10-23
				Electricity metering equipment（AC)—Particular requirements—Part 24: Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3) GB/T 17215.324-2022 7.9		2023-10-23
				Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment IEC 62052-11:2020 7.9		2023-10-23

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		№	Item/ Parameter			
				Electricity metering equipment - Particular requirements - Part 21: Static meters for AC active energy (classes 0,5, 1 and 2) IEC 62053-21:2020 7.9		2023-10-23
				Electricity metering equipment - Particular requirements - Part 22: Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S) IEC 62053-22:2020 7.9		2023-10-23
				Electricity metering equipment - Particular requirements - Part 23: Static meters for reactive energy (classes 2 and 3) IEC 62053-23:2020 7.9		2023-10-23
				Electricity metering equipment - Particular requirements - Part 24: Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3) IEC 62053-24:2020 7.9		2023-10-23
		21	Starting current test	Electricity metering equipment(AC)—General requirements, tests and test conditions—Part 11：Metering equipment GB/T17215.211-2021 7.7		2023-10-23
				Electricity metering equipment (AC)—Particular requirements—Part 21：Static meters for active energy(classes A, B, C, D and E) GB/T 17215.321-2021 7.7		2023-10-23
				Electricity metering equipment (AC)—Particular requirements—Part 23: Static meters for reactive energy (classes 2 and 3) GB/T 17215.323-2022 7.8		2023-10-23
				Electricity metering equipment（AC)—Particular requirements—Part 24: Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3) GB/T 17215.324-2022 7.8		2023-10-23
				Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment IEC 62052-11:2020 7.8		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters—Special Requirements and Safety Requirements JJF 1245.4-2019		2023-10-23

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		№	Item/ Parameter			
				6.2.1,9.2.1		
				Technical specification for single phase smart electricity meters Q/GDW 10364-2020 4.5.10,5.2.10		2023-10-23
				Technical specification for poly-phase smart electricity meters Q/GDW 10364-2020 Q/GDW 10827-2020 4.5.10, 5.2.10		2023-10-23
		22	Variation requirement test	Electricity metering equipment(AC)—General requirements, tests and test conditions—Part 11：Metering equipment GB/T17215.211-2021 7.8		2023-10-23
				Electricity metering equipment (AC)—Particular requirements—Part 21：Static meters for active energy(classes A, B, C, D and E) GB/T 17215.321-2021 7.8		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters—Special Requirements and Safety Requirements JJF 1245.4-2019 6.2.2,9.2.2		2023-10-23
				Technical specification for single phase smart electricity meters Q/GDW 10364-2020 4.5.8, 5.2.8		2023-10-23
				Technical specification for poly-phase smart electricity meters Q/GDW 10364-2020 Q/GDW 10827-2020 4.5.8, 5.2.8		2023-10-23
		23	Load current fluctuation variation test	Electricity metering equipment(AC)—General requirements, tests and test conditions—Part 11：Metering equipment GB/T17215.211-2021 7.9		2023-10-23
				Electricity metering equipment (AC)—Particular requirements—Part 21：Static meters for active energy(classes A, B, C, D and E) GB/T 17215.321-2021 7.9		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters—Special Requirements and Safety Requirements JJF 1245.4-2019 6.2.3,9.2.3		2023-10-23
				Technical specification for single phase smart electricity meters Q/GDW 10364-2020 4.5.9, 5.2.9		2023-10-23

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		№	Item/ Parameter			
				Technical specification for poly-phase smart electricity meters Q/GDW 10364-2020 Q/GDW 10827-2020 4.5.9, 5.2.9		2023-10-23
		24	Consistence error test	Electricity metering equipment(AC)—General requirements, tests and test conditions—Part 11：Metering equipment GB/T17215.211-2021 7.10		2023-10-23
				Electricity metering equipment (AC)—Particular requirements—Part 21：Static meters for active energy(classes A, B, C, D and E) GB/T 17215.321-2021 7.10		2023-10-23
				Technical specification for single phase smart electricity meters Q/GDW 10364-2020 4.5.7, 5.2.7		2023-10-23
				Technical specification for poly-phase smart electricity meters Q/GDW 10364-2020 Q/GDW 10827-2020 4.5.7,5.2.7		2023-10-23
		25	Electric energy indication combination error test	Electricity metering equipment(AC)—General requirements, tests and test conditions—Part 11：Metering equipment GB/T17215.211-2021 7.12		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters—Active Electrical Energy Meters JJF 1245.1-2019 6.3.1,9.5.1		2023-10-23
				Technical specification for single phase smart electricity meters Q/GDW 10364-2020 4.5.5, 5.2.5		2023-10-23
				Technical specification for poly-phase smart electricity meters Q/GDW 10364-2020 Q/GDW 10827-2020 4.5.5, 5.2.5		2023-10-23
		26	Time-keeping accuracy	Electricity metering equipment(AC)—General requirements, tests and test conditions—Part 11：Metering equipment GB/T17215.211-2021 7.13		2023-10-23
				Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment IEC 62052-11:2020 7.11		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters—Active Electrical Energy Meters JJF 1245.1-2019 6.3.2,9.5.2		2023-10-23

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		№	Item/ Parameter			
				Technical specification for single phase smart electricity meters Q/GDW 10364-2020 4.5.6,5.2.6		2023-10-23
				Technical specification for poly-phase smart electricity meters Q/GDW 10364-2020 Q/GDW 10827-2020 4.5.6,5.2.6		2023-10-23
		27	Combined maximum permissible error	Electricity metering equipment(AC)—General requirements, tests and test conditions—Part 11：Metering equipment GB/T17215.211-2021 7.14		2023-10-23
		28	Durability	Electricity metering equipment(AC)—General requirements, tests and test conditions—Part 11：Metering equipment GB/T17215.211-2021 8.4.8		2023-10-23
				Electricity metering equipment (AC)—Particular requirements—Part 21：Static meters for active energy(classes A, B, C, D and E) GB/T 17215.321-2021 7.11 8.4.8		2023-10-23
				Electricity metering equipment (AC)—Particular requirements—Part 23: Static meters for reactive energy (classes 2 and 3) GB/T 17215.323-2022 8.4		2023-10-23
				Electricity metering equipment（AC)—Particular requirements—Part 24: Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3) GB/T 17215.324-2022 8.4		2023-10-23
				Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment IEC 62052-11:2020 8.4		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters—Active Electrical Energy Meters JJF 1245.1-2019 6.2.6,6.6,9.4.17		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters—Reactive Electrical Energy Meters JJF 1245.3-2019 6.2.6,6.6,,9.4.16		2023-10-23
				Electricity metering equipment—Dependability—Part 321: Durability testing of the stability of metrological characteristics		2023-10-23

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		№	Item/ Parameter			
				by applying elevated temperature GB/T 17215.9321-2016/IEC 62059-32-1:2011 5 6 7 8 9		
				Technical specification for single phase smart electricity meters Q/GDW 10364-2020 4.5.11,5.4.9		2023-10-23
				Technical specification for poly-phase smart electricity meters Q/GDW 10827-2020 4.5.11,5.4.9		2023-10-23
		29	Voltage dips and short interruptions	Electricity metering equipment(AC)—General requirements, tests and test conditions—Part 11：Metering equipment GB/T17215.211-2021 9.3.2		2023-10-23
				Electricity metering equipment (AC)—Particular requirements—Part 21：Static meters for active energy(classes A, B, C, D and E) GB/T 17215.321-2021 7.11 9.3.2		2023-10-23
				Electricity metering equipment (AC)—Particular requirements—Part 23: Static meters for reactive energy (classes 2 and 3) GB/T 17215.323-2022 9.3.2		2023-10-23
				Electricity metering equipment（AC)—Particular requirements—Part 24: Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3) GB/T 17215.324-2022 9.3.2		2023-10-23
				Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment IEC 62052-11:2020 9.3.2		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters—Active Electrical Energy Meters JJF 1245.1-2019 6.2.6,9.4.5		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters—Reactive Electrical Energy Meters JJF 1245.3-2019 6.2.6,9.4.4		2023-10-23
				Technical specification for single phase smart electricity meters Q/GDW 10364-2020 5.3.3.2		2023-10-23
				Technical specification for poly-phase smart electricity meters Q/GDW 10827-2020 5.3.3.2		2023-10-23

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		30	External static magnetic fields	Electricity metering equipment(AC)—General requirements, tests and test conditions—Part 11：Metering equipment GB/T17215.211-2021 9.3.12		2023-10-23
				Electricity metering equipment (AC)—Particular requirements—Part 21：Static meters for active energy(classes A, B, C, D and E) GB/T 17215.321-2021 7.11 9.3.12		2023-10-23
				Electricity metering equipment (AC)—Particular requirements—Part 23: Static meters for reactive energy (classes 2 and 3) GB/T 17215.323-2022 7.10,9.3.12		2023-10-23
				Electricity metering equipment（AC)-Particular requirements-Part 24: Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3) GB/T 17215.324-2022 7.10,9.3.12		2023-10-23
				Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment IEC 62052-11:2020 9.3.12		2023-10-23
				Electricity metering equipment - Particular requirements - Part 21: Static meters for AC active energy (classes 0,5, 1 and 2) IEC 62053-21:2020 7.10 9.3.12		2023-10-23
				Electricity metering equipment - Particular requirements - Part 22: Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S) IEC 62053-22:2020 7.10 9.3.12		2023-10-23
				Electricity metering equipment - Particular requirements - Part 23: Static meters for reactive energy (classes 2 and 3) IEC 62053-23:2020 7.10 9.3.12		2023-10-23
				Electricity metering equipment - Particular requirements - Part 24: Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3) IEC 62053-24:2020 7.10 9.3.12		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Active Electrical Energy Meters JJF 1245.1-2019 6.2.5,9.3.13		2023-10-23

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				Program of Pattern Evaluation of Fixed AC Electricity Meters-Reactive Electrical Energy Meters JJF 1245.3-2019 6.2.5,9.3.8		2023-10-23
				Technical specification for single phase smart electricity meters Q/GDW 10364-2020 4.5.11,5.3.3.11		2023-10-23
				Technical specification for poly-phase smart electricity meters Q/GDW 10827-2020 4.5.11,5.3.3.12		2023-10-23
		31	Power frequency magnetic field immunity test	Electricity metering equipment(AC)-General requirements, tests and test conditions—Part 11：Metering equipment GB/T17215.211-2021 9.3.13		2023-10-23
				Electricity metering equipment (AC)-Particular requirements-Part 21：Static meters for active energy(classes A, B, C, D and E) GB/T 17215.321-2021 7.11 9.3.13		2023-10-23
				Electricity metering equipment (AC)-Particular requirements-Part 23: Static meters for reactive energy (classes 2 and 3) GB/T 17215.323-2022 7.10,9.3.13		2023-10-23
				Electricity metering equipment（AC)-Particular requirements-Part 24: Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3) GB/T 17215.324-2022 7.10,9.3.13		2023-10-23
				Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment IEC 62052-11:2020 9.3.13		2023-10-23
				Electricity metering equipment - Particular requirements - Part 21: Static meters for AC active energy (classes 0,5, 1 and 2) IEC 62053-21:2020 7.10 9.3.13		2023-10-23
				Electricity metering equipment - Particular requirements - Part 22: Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S) IEC 62053-22:2020 7.10 9.3.13		2023-10-23
				Electricity metering equipment - Particular requirements - Part 23: Static meters for reactive energy (classes 2 and 3) IEC 62053-23:2020 7.10 9.3.13		2023-10-23

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		№	Item/ Parameter			
				Electricity metering equipment - Particular requirements - Part 24: Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3) IEC 62053-24:2020 7.10 9.3.13		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Active Electrical Energy Meters JJF 1245.1-2019 6.2.5,9.3.14		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity MetersReactive Electrical Energy Meters JJF 1245.3-2019 6.2.5,9.3.9		2023-10-23
				Technical specification for single phase smart electricity meters Q/GDW 10364-2020 4.5.11,5.3.3.12		2023-10-23
				Technical specification for poly-phase smart electricity meters Q/GDW 10827-2020 4.5.11,5.3.3.13		2023-10-23
		32	Power frequency magnetic field immunity test（no-load）	Electricity metering equipment(AC)-General requirements, tests and test conditions-Part 11：Metering equipment GB/T17215.211-2021 9.3.14		2023-10-23
				Electricity metering equipment (AC)-Particular requirements-Part 21：Static meters for active energy(classes A, B, C, D and E) GB/T 17215.321-2021 7.11 9.3.14		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Special Requirements and Safety Requirements JJF 1245.4-2019 6.4,9.4.1		2023-10-23
				Technical specification for single phase smart electricity meters Q/GDW 10364-2020 4.5.11,5.3.3.13		2023-10-23
				Technical specification for poly-phase smart electricity meters Q/GDW 10827-2020 4.5.11,5.3.3.14		2023-10-23
		33	Extended power frequency magnetic field immunity test	Electricity metering equipment(AC)-General requirements, tests and test conditions-Part 11：Metering equipment GB/T17215.211-2021 9.3.15		2023-10-23
				Electricity metering equipment (AC)-Particular requirements-Part 21：Static meters for active energy(classes A, B, C, D and E)		2023-10-23

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				GB/T 17215.321-2021 7.11 9.3.15		
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Active Electrical Energy Meters JJF 1245.1-2019 6.2.6,9.4.2		2023-10-23
				Technical specification for single phase smart electricity meters Q/GDW 10364-2020 4.5.11,5.3.3.14		2023-10-23
				Technical specification for poly-phase smart electricity meters Q/GDW 10827-2020 4.5.11,5.3.3.15		2023-10-23
		34	Harmonics in the current and voltage circuits	Electricity metering equipment(AC)-General requirements, tests and test conditions-Part 11：Metering equipment GB/T17215.211-2021 9.4.2		2023-10-23
				Electricity metering equipment (AC)-Particular requirements-Part 21：Static meters for active energy(classes A, B, C, D and E) GB/T 17215.321-2021 7.11 9.4.2		2023-10-23
				Electricity metering equipment (AC)-Particular requirements-Part 23: Static meters for reactive energy (classes 2 and 3) GB/T 17215.323-2022 7.10 9.4.2		2023-10-23
				Electricity metering equipment（AC)-Particular requirements-Part 24: Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3) GB/T 17215.324-2022 7.10,9.4.2		2023-10-23
				Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment IEC 62052-11:2020 9.4.2		2023-10-23
				Electricity metering equipment - Particular requirements - Part 21: Static meters for AC active energy (classes 0,5, 1 and 2) IEC 62053-21:2020 7.10 9.4.2		2023-10-23
				Electricity metering equipment - Particular requirements - Part 22: Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S) IEC 62053-22:2020 7.10 9.4.2		2023-10-23

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				Electricity metering equipment - Particular requirements - Part 23: Static meters for reactive energy (classes 2 and 3) IEC 62053-23:2020 7.10 9.4.2		2023-10-23
				Electricity metering equipment - Particular requirements - Part 24: Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3) IEC 62053-24:2020 7.10 9.4.2		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Active Electrical Energy Meters JJF 1245.1-2019 6.2.5,9.3.6,9.3.10,9.3.11,9.3.17		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Reactive Electrical Energy Meters JJF 1245.3-2019 6.2.5,9.3.5,6.2.5		2023-10-23
				Technical specification for single phase smart electricity meters Q/GDW 10364-2020 4.5.11,5.3.4.1		2023-10-23
				Technical specification for poly-phase smart electricity meters Q/GDW 10364-2020 Q/GDW 10827-2020 4.5.11,5.3.4.1		2023-10-23
		35	Imbalance load test	Electricity metering equipment(AC)-General requirements, tests and test conditions-Part 11：Metering equipment GB/T17215.211-2021 9.4.3		2023-10-23
				Electricity metering equipment (AC)-Particular requirements-Part 21：Static meters for active energy(classes A, B, C, D and E) GB/T 17215.321-2021 7.11 9.4.3		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Active Electrical Energy Meters JJF 1245.1-2019 6.2.5,9.3.9		2023-10-23
				Technical specification for poly-phase smart electricity meters Q/GDW 10364-2020 Q/GDW 10827-2020 4.5.11,5.3.4.2		2023-10-23
		36	Voltage variation	Electricity metering equipment(AC)-General requirements, tests and test conditions-Part 11：Metering equipment GB/T17215.211-2021 9.4.4		2023-10-23

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				Electricity metering equipment (AC)-Particular requirements-Part 21：Static meters for active energy(classes A, B, C, D and E) GB/T 17215.321-2021 7.11 9.4.4		2023-10-23
				Electricity metering equipment (AC)-Particular requirements-Part 23: Static meters for reactive energy (classes 2 and 3) GB/T 17215.323-2022 7.10,9.4.3		2023-10-23
				Electricity metering equipment（AC)-Particular requirements-Part 24: Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3) GB/T 17215.324-2022 7.10,9.4.3		2023-10-23
				Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment IEC 62052-11:2020 9.4.3		2023-10-23
				Electricity metering equipment - Particular requirements - Part 21: Static meters for AC active energy (classes 0,5, 1 and 2) IEC 62053-21:2020 7.10 9.4.3		2023-10-23
				Electricity metering equipment - Particular requirements - Part 22: Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S) IEC 62053-22:2020 7.10 9.4.3		2023-10-23
				Electricity metering equipment - Particular requirements - Part 23: Static meters for reactive energy (classes 2 and 3) IEC 62053-23:2020 7.10 9.4.3		2023-10-23
				Electricity metering equipment - Particular requirements - Part 24: Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3) IEC 62053-24:2020 7.10 9.4.3		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Active Electrical Energy Meters JJF 1245.1-2019 6.2.5,9.3.4		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Reactive Electrical Energy Meters JJF 1245.3-2019 6.2.5,9.3.3		2023-10-23
				Technical specification for single phase smart electricity meters Q/GDW 10364-2020 4.5.11,5.3.4.2		2023-10-23

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				Technical specification for poly-phase smart electricity meters Q/GDW 10827-2020 4.5.11,5.3.4.3		2023-10-23
		37	Server voltage variation	Program of Pattern Evaluation of Fixed AC Electricity Meters-Active Electrical Energy Meters JJF 1245.1-2019 6.2.5,9.3.8		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Reactive Electrical Energy Meters JJF 1245.3-2019 6.2.5,9.3.7		2023-10-23
				Technical specification for single phase smart electricity meters Q/GDW 10364-2020 4.5.11,5.3.4.2		2023-10-23
				Technical specification for poly-phase smart electricity meters Q/GDW 10827-2020 4.5.11,5.3.4.3		2023-10-23
		38	Ambient temperature variationAmbient temperature variation	Electricity metering equipment(AC)-General requirements, tests and test conditions-Part 11：Metering equipment GB/T17215.211-2021 9.4.5		2023-10-23
				Electricity metering equipment (AC)-Particular requirements-Part 21：Static meters for active energy(classes A, B, C, D and E) GB/T 17215.321-2021 7.11 9.4.5		2023-10-23
				Electricity metering equipment (AC)-Particular requirements-Part 23: Static meters for reactive energy (classes 2 and 3) GB/T 17215.323-2022 7.10,9.4.4		2023-10-23
				Electricity metering equipment（AC)-Particular requirements-Part 24: Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3) GB/T 17215.324-2022 7.10,9.4.4		2023-10-23
				Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment IEC 62052-11:2020 9.4.4		2023-10-23
				Electricity metering equipment - Particular requirements - Part 21: Static meters for AC active energy (classes 0,5, 1 and 2) IEC 62053-21:2020 7.10, 9.4.4		2023-10-23
				Electricity metering equipment - Particular requirements - Part 22: Static meters for AC active energy (classes 0,1S, 0,2S and		2023-10-23

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				0,5S) IEC 62053-22:2020 7.10 9.4.4		
				Electricity metering equipment - Particular requirements - Part 23: Static meters for reactive energy (classes 2 and 3) IEC 62053-23:2020 7.10 9.4.4		2023-10-23
				Electricity metering equipment - Particular requirements - Part 24: Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3) IEC 62053-24:2020 7.10 9.4.4		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Active Electrical Energy Meters JJF 1245.1-2019 6.2.5,9.3.2		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Reactive Electrical Energy Meters JJF 1245.3-2019 6.2.5,9.3.2		2023-10-23
				Technical specification for single phase smart electricity meters Q/GDW 10364-2020 4.5.11,5.3.4.3		2023-10-23
				Technical specification for poly-phase smart electricity meters Q/GDW 10827-2020 4.5.11,5.3.4.4		2023-10-23
		39	One or two phase voltage interruption test	Electricity metering equipment(AC)-General requirements, tests and test conditions-Part 11：Metering equipment GB/T17215.211-2021 9.4.6		2023-10-23
				Electricity metering equipment (AC)-Particular requirements-Part 21：Static meters for active energy(classes A, B, C, D and E) GB/T 17215.321-2021 7.11		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Active Electrical Energy Meters JJF 1245.1-2019 6.2.5,9.3.9		2023-10-23
				Technical specification for poly-phase smart electricity meters Q/GDW 10827-2020 4.5.11,5.3.4.5		2023-10-23
		40	Interruption of phase	Electricity metering equipment (AC)-Particular requirements-Part 23: Static meters for reactive energy (classes 2 and 3) GB/T 17215.323-2022 7.10,9.4.5		2023-10-23

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		№	Item/ Parameter			
				Electricity metering equipment（AC)-Particular requirements-Part 24: Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3) GB/T 17215.324-2022 7.10,9.4.5		2023-10-23
				Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment IEC 62052-11:2020 9.4.5		2023-10-23
				Electricity metering equipment - Particular requirements - Part 21: Static meters for AC active energy (classes 0,5, 1 and 2) IEC 62053-21:2020 7.10 9.4.5		2023-10-23
				Electricity metering equipment - Particular requirements - Part 22: Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S) IEC 62053-22:2020 7.10 9.4.5		2023-10-23
				Electricity metering equipment - Particular requirements - Part 23: Static meters for reactive energy (classes 2 and 3) IEC 62053-23:2020 7.10 9.4.5		2023-10-23
				Electricity metering equipment - Particular requirements - Part 24: Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3) IEC 62053-24:2020 7.10 9.4.5		2023-10-23
		41	Frequency variation	Electricity metering equipment(AC)-General requirements, tests and test conditions-Part 11：Metering equipment GB/T17215.211-2021 9.4.7		2023-10-23
				Electricity metering equipment (AC)-Particular requirements-Part 21：Static meters for active energy(classes A, B, C, D and E) GB/T 17215.321-2021 7.11 9.4.7		2023-10-23
				Electricity metering equipment (AC)-Particular requirements-Part 23: Static meters for reactive energy (classes 2 and 3) GB/T 17215.323-2022 7.10,9.4.6		2023-10-23
				Electricity metering equipment（AC)-Particular requirements-Part 24: Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3) GB/T 17215.324-2022 7.10,9.4.6		2023-10-23

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		№	Item/ Parameter			
				Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment IEC 62052-11:2020 9.4.6		2023-10-23
				Electricity metering equipment - Particular requirements - Part 21: Static meters for AC active energy (classes 0,5, 1 and 2) IEC 62053-21:2020 7.10,9.4.6		2023-10-23
				Electricity metering equipment - Particular requirements - Part 22: Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S) IEC 62053-22:2020 7.10,9.4.6		2023-10-23
				Electricity metering equipment - Particular requirements - Part 23: Static meters for reactive energy (classes 2 and 3) IEC 62053-23:2020 7.10,9.4.6		2023-10-23
				Electricity metering equipment - Particular requirements - Part 24: Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3) IEC 62053-24:2020 7.10,9.4.6		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Active Electrical Energy Meters JJF 1245.1-2019 6.2.5,9.3.5		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Reactive Electrical Energy Meters JJF 1245.3-2019 6.2.5,9.3.4		2023-10-23
				Technical specification for single phase smart electricity meters Q/GDW 10364-2020 4.5.11,5.3.4.4		2023-10-23
				Technical specification for poly-phase smart electricity meters Q/GDW 10827-2020 4.5.11,5.3.4.6		2023-10-23
		42	Reversed phase sequence	Electricity metering equipment(AC)-General requirements, tests and test conditions-Part 11：Metering equipment GB/T17215.211-2021 9.4.8		2023-10-23
				Electricity metering equipment (AC)-Particular requirements-Part 21：Static meters for active energy(classes A, B, C, D and E) GB/T 17215.321-2021 7.11 9.4.8		2023-10-23

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				Electricity metering equipment (AC)-Particular requirements-Part 23: Static meters for reactive energy (classes 2 and 3) GB/T 17215.323-2022 7.10,9.4.7		2023-10-23
				Electricity metering equipment（AC)-Particular requirements-Part 24: Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3) GB/T 17215.324-2022 7.10,9.4.7		2023-10-23
				Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment IEC 62052-11:2020 9.4.7		2023-10-23
				Electricity metering equipment - Particular requirements - Part 21: Static meters for AC active energy (classes 0,5, 1 and 2) IEC 62053-21:2020 7.10 9.4.7		2023-10-23
				Electricity metering equipment - Particular requirements - Part 22: Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S) IEC 62053-22:2020 7.10 9.4.7		2023-10-23
				Electricity metering equipment - Particular requirements - Part 23: Static meters for reactive energy (classes 2 and 3) IEC 62053-23:2020 7.10 9.4.7		2023-10-23
				Electricity metering equipment - Particular requirements - Part 24: Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3) IEC 62053-24:2020 7.10 9.4.7		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Active Electrical Energy Meters JJF 1245.1-2019 6.2.5,9.3.12		2023-10-23
				Technical specification for poly-phase smart electricity meters Q/GDW 10827-2020 4.5.11,5.3.4.7		2023-10-23
		43	Harmonics in the current and voltage circuits	Electricity metering equipment(AC)-General requirements, tests and test conditions-Part 11：Metering equipment GB/T17215.211-2021 9.4.9		2023-10-23
				Electricity metering equipment (AC)-Particular requirements-Part 21：Static meters for active energy(classes A, B, C, D and E)		2023-10-23

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		№	Item/ Parameter			
				GB/T 17215.321-2021 7.11 9.4.9		
				Electricity metering equipment (AC)-Particular requirements-Part 23: Static meters for reactive energy (classes 2 and 3) GB/T 17215.323-2022 7.10,9.4.8		2023-10-23
				Electricity metering equipment (AC)-Particular requirements-Part 24: Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3) GB/T 17215.324-2022 7.10,9.4.8		2023-10-23
				Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment IEC 62052-11:2020 9.4.8		2023-10-23
				Electricity metering equipment - Particular requirements - Part 21: Static meters for AC active energy (classes 0,5, 1 and 2) IEC 62053-21:2020 7.10 9.4.8		2023-10-23
				Electricity metering equipment - Particular requirements - Part 22: Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S) IEC 62053-22:2020 7.10 9.4.8		2023-10-23
				Electricity metering equipment - Particular requirements - Part 23: Static meters for reactive energy (classes 2 and 3) IEC 62053-23:2020 7.10 9.4.8		2023-10-23
				Electricity metering equipment - Particular requirements - Part 24: Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3) IEC 62053-24:2020 7.10 9.4.8		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Functional Requirements JJF 1245.4-2019 6.3,9.3.2		2023-10-23
				Technical specification for poly-phase smart electricity meters Q/GDW 10827-2020 4.5.11,5.3.4.8		2023-10-23
		44	Operation of auxiliary devices	Electricity metering equipment(AC)-General requirements, tests and test conditions-Part 11：Metering equipment GB/T17215.211-2021 9.4.10		2023-10-23

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				Electricity metering equipment (AC)-Particular requirements-Part 21：Static meters for active energy(classes A, B, C, D and E) GB/T 17215.321-2021 7.11 9.4.10		2023-10-23
				Electricity metering equipment (AC)-Particular requirements-Part 23: Static meters for reactive energy (classes 2 and 3) GB/T 17215.323-2022 7.10,9.4.9		2023-10-23
				Electricity metering equipment（AC)-Particular requirements-Part 24: Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3) GB/T 17215.324-2022 7.10,9.4.9		2023-10-23
				Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment IEC 62052-11:2020 9.4.9		2023-10-23
				Electricity metering equipment - Particular requirements - Part 21: Static meters for AC active energy (classes 0,5, 1 and 2) IEC 62053-21:2020 7.10 9.4.9		2023-10-23
				Electricity metering equipment - Particular requirements - Part 22: Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S) IEC 62053-22:2020 7.10 9.4.9		2023-10-23
				Electricity metering equipment - Particular requirements - Part 23: Static meters for reactive energy (classes 2 and 3) IEC 62053-23:2020 7.10 9.4.9		2023-10-23
				Electricity metering equipment - Particular requirements - Part 24: Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3) IEC 62053-24:2020 7.10 9.4.9		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Active Electrical Energy Meters JJF 1245.1-2019 6.2.6,9.4.12		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Reactive Electrical Energy Meters JJF 1245.3-2019 6.2.6,9.4.11		2023-10-23
				Technical specification for single phase smart electricity meters Q/GDW 10364-2020 4.5.11,5.3.4.5		2023-10-23

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				Technical specification for poly-phase smart electricity meters Q/GDW 10827-2020 4.5.11,5.3.4.9		2023-10-23
		45	Short-time overcurrents	Electricity metering equipment(AC)-General requirements, tests and test conditions-Part 11：Metering equipment GB/T17215.211-2021 9.4.11		2023-10-23
				Electricity metering equipment (AC)-Particular requirements-Part 21：Static meters for active energy(classes A, B, C, D and E) GB/T 17215.321-2021 7.11 9.4.11		2023-10-23
				Electricity metering equipment (AC)-Particular requirements-Part 23: Static meters for reactive energy (classes 2 and 3) GB/T 17215.323-2022 7.10,9.4.10		2023-10-23
				Electricity metering equipment（AC)-Particular requirements-Part 24: Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3) GB/T 17215.324-2022 7.10,9.4.10		2023-10-23
				Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment IEC 62052-11:2020 9.4.10		2023-10-23
				Electricity metering equipment - Particular requirements - Part 21: Static meters for AC active energy (classes 0,5, 1 and 2) IEC 62053-21:2020 7.10 9.4.10		2023-10-23
				Electricity metering equipment - Particular requirements - Part 22: Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S) IEC 62053-22:2020 7.10 9.4.10		2023-10-23
				Electricity metering equipment - Particular requirements - Part 23: Static meters for reactive energy (classes 2 and 3) IEC 62053-23:2020 7.10 9.4.10		2023-10-23
				Electricity metering equipment - Particular requirements - Part 24: Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3) IEC 62053-24:2020 7.10 9.4.10		2023-10-23

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				Program of Pattern Evaluation of Fixed AC Electricity Meters-Active Electrical Energy Meters JJF 1245.1-2019 6.2.6,9.4.9		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Reactive Electrical Energy Meters JJF 1245.3-2019 9 6.2.6,9.4.8		2023-10-23
				Technical specification for single phase smart electricity meters Q/GDW 10364-2020 4.5.11,5.3.4.6		2023-10-23
				Technical specification for poly-phase smart electricity meters Q/GDW 10827-2020 4.5.11,5.3.4.10		2023-10-23
		46	Fast load current variations	Electricity metering equipment(AC)-General requirements, tests and test conditions-Part 11：Metering equipment GB/T17215.211-2021 9.4.12		2023-10-23
				Electricity metering equipment (AC)-Particular requirements-Part 21：Static meters for active energy(classes A, B, C, D and E) GB/T 17215.321-2021 7.11 9.4.12		2023-10-23
				Electricity metering equipment (AC)-Particular requirements-Part 23: Static meters for reactive energy (classes 2 and 3) GB/T 17215.323-2022 7.10,9.4.12		2023-10-23
				Electricity metering equipment（AC)-Particular requirements-Part 24: Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3) GB/T 17215.324-2022 7.10,9.4.12		2023-10-23
				Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment IEC 62052-11:2020 9.4.12		2023-10-23
				Electricity metering equipment - Particular requirements - Part 21: Static meters for AC active energy (classes 0,5, 1 and 2) IEC 62053-21:2020 7.10 9.4.12		2023-10-23
				Electricity metering equipment - Particular requirements - Part 22: Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S) IEC 62053-22:2020 7.10 9.4.12		2023-10-23

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				Electricity metering equipment - Particular requirements - Part 23: Static meters for reactive energy (classes 2 and 3) IEC 62053-23:2020 7.10 9.4.12		2023-10-23
				Electricity metering equipment - Particular requirements - Part 24: Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3) IEC 62053-24:2020 7.10 9.4.12		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Functional Requirements JJF 1245.4-2019 6.3,9.3.3		2023-10-23
				Technical specification for single phase smart electricity meters Q/GDW 10364-2020 4.5.11,5.3.4.7		2023-10-23
				Technical specification for poly-phase smart electricity meters Q/GDW 10827-2020 4.5.11,5.3.4.11		2023-10-23
		47	Self-heating	Electricity metering equipment(AC)-General requirements, tests and test conditions-Part 11：Metering equipment GB/T17215.211-2021 9.4.13		2023-10-23
				Electricity metering equipment (AC)-Particular requirements-Part 21：Static meters for active energy(classes A, B, C, D and E) GB/T 17215.321-2021 7.11 9.4.13		2023-10-23
				Electricity metering equipment (AC)-Particular requirements-Part 23: Static meters for reactive energy (classes 2 and 3) GB/T 17215.323-2022 7.10,9.4.11		2023-10-23
				Electricity metering equipment（AC)-Particular requirements-Part 24: Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3) GB/T 17215.324-2022 7.10,9.4.11		2023-10-23
				Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment IEC 62052-11:2020 9.4.11		2023-10-23
				Electricity metering equipment - Particular requirements - Part 21: Static meters for AC active energy (classes 0,5, 1 and 2) IEC 62053-21:2020 7.10 9.4.11		2023-10-23

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				Electricity metering equipment - Particular requirements - Part 22: Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S) IEC 62053-22:2020 7.10 9.4.11		2023-10-23
				Electricity metering equipment - Particular requirements - Part 23: Static meters for reactive energy (classes 2 and 3) IEC 62053-23:2020 7.10 9.4.12		2023-10-23
				Electricity metering equipment - Particular requirements - Part 24: Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3) IEC 62053-24:2020 7.10 9.4.11		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Active Electrical Energy Meters JJF 1245.1-2019 6.2.5,9.2.2		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Reactive Electrical Energy Meters JJF 1245.3-2019 6.2.5,9.2.2		2023-10-23
				Technical specification for single phase smart electricity meters Q/GDW 10364-2020 4.5.11,5.3.4.8		2023-10-23
				Technical specification for poly-phase smart electricity meters Q/GDW 10827-2020 4.5.11,5.3.4.12		2023-10-23
		48	Higher harmonic test	Electricity metering equipment(AC)-General requirements, tests and test conditions-Part 11：Metering equipment GB/T17215.211-2021 9.4.15		2023-10-23
				Electricity metering equipment (AC)-Particular requirements-Part 21：Static meters for active energy(classes A, B, C, D and E) GB/T 17215.321-2021 7.11 9.4.15		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Active Electrical Energy Meters JJF 1245.1-2019 6.2.5,9.3.18		2023-10-23
				Technical specification for single phase smart electricity meters Q/GDW 10364-2020 4.5.11,5.3.4.9		2023-10-23
				Technical specification for poly-phase smart electricity meters Q/GDW 10827-2020 4.5.11,5.3.4.13		2023-10-23

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				Electricity metering equipment(AC)-General requirements, tests and test conditions-Part 11：Metering equipment GB/T17215.211-2021 9.4.16		2023-10-23
				Electricity metering equipment (AC)-Particular requirements-Part 21：Static meters for active energy(classes A, B, C, D and E) GB/T 17215.321-2021 7.11 9.4.16		2023-10-23
				Electricity metering equipment (AC)-Particular requirements-Part 23: Static meters for reactive energy (classes 2 and 3) GB/T 17215.323-2022 7.10,9.4.13		2023-10-23
				Electricity metering equipment（AC)-Particular requirements-Part 24: Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3) GB/T 17215.324-2022 7.10,9.4.13		2023-10-23
		49	Earth fault	Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment IEC 62052-11:2020 9.4.13		2023-10-23
				Electricity metering equipment - Particular requirements - Part 21: Static meters for AC active energy (classes 0,5, 1 and 2) IEC 62053-21:2020 7.10 9.4.13		2023-10-23
				Electricity metering equipment - Particular requirements - Part 22: Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S) IEC 62053-22:2020 7.10 9.4.13		2023-10-23
				Electricity metering equipment - Particular requirements - Part 23: Static meters for reactive energy (classes 2 and 3) IEC 62053-23:2020 7.10 9.4.13		2023-10-23
				Electricity metering equipment - Particular requirements - Part 24: Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3) IEC 62053-24:2020 7.10 9.4.13		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Active Electrical Energy Meters JJF 1245.1-2019 6.2.6,9.4.11		2023-10-23

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				Program of Pattern Evaluation of Fixed AC Electricity Meters-Reactive Electrical Energy Meters JJF 1245.3-2019 6.2.6,9.4.10		2023-10-23
				Technical specification for poly-phase smart electricity meters Q/GDW 10827-2020 4.5.11,5.3.4.14		2023-10-23
		50	Protection of mechanical hazards	Electricity metering equipment (AC)-Particular requirements-Part 21：Static meters for active energy(classes A, B, C, D and E) GB/T 17215.321-2021 5.10		2023-10-23
				Electricity metering equipment (AC)-Particular requirements-Part 23: Static meters for reactive energy (classes 2 and 3) GB/T 17215.323-2022 5.11		2023-10-23
				Electricity metering equipment（AC)-Particular requirements-Part 24: Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3) GB/T 17215.324-2022 5.11		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Special Requirements and Safety Requirements JJF 1245.4-2019 6.7.1,9.7.1		2023-10-23
				Technical specification for single phase smart electricity meters Q/GDW 10364-2020 5.5		2023-10-23
		51	Protective connection measures	Electricity metering equipment (AC)-Particular requirements-Part 21：Static meters for active energy(classes A, B, C, D and E) GB/T 17215.321-2021 5.11		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Special Requirements and Safety Requirements JJF 1245.4-2019 6.7.3,9.7.3		2023-10-23
		52	limits of meter temperature resistanceand heat	Electricity metering equipment (AC)-Particular requirements-Part 21：Static meters for active energy(classes A, B, C, D and E) GB/T 17215.321-2021 5.13		2023-10-23
				Electricity metering equipment (AC)-Particular requirements-Part 23: Static meters for reactive energy (classes 2 and 3) GB/T 17215.323-2022 5.13		2023-10-23

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		№	Item/ Parameter			
				Electricity metering equipment（AC)-Particular requirements-Part 24: Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3) GB/T 17215.324-2022 5.13		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Special Requirements and Safety Requirements JJF 1245.4-2019 6.7.5,9.7.5		2023-10-23
				Technical specification for single phase smart electricity meters Q/GDW 10364-2020 4.3.11,5.5.4		2023-10-23
				Technical specification for poly-phase smart electricity meters Q/GDW 10827-2020 4.3.11,5.5.4		2023-10-23
		53	Clearances and creepage distances	Electricity metering equipment (AC)-Particular requirements-Part 21：Static meters for active energy(classes A, B, C, D and E) GB/T 17215.321-2021 11.1		2023-10-23
				Electricity metering equipment (AC)-Particular requirements-Part 23: Static meters for reactive energy (classes 2 and 3) GB/T 17215.323-2022 10.1		2023-10-23
				Electricity metering equipment（AC)-Particular requirements-Part 24: Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3) GB/T 17215.324-2022 10.1		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Special Requirements and Safety Requirements JJF 1245.4-2019 6.7.7,9.7.7		2023-10-23
		54	Withstand long-term overvoltage test	Electricity metering equipment (AC)-Particular requirements-Part 21：Static meters for active energy(classes A, B, C, D and E) GB/T 17215.321-2021 11.3.1		2023-10-23
				Electricity metering equipment (AC)-Particular requirements-Part 23: Static meters for reactive energy (classes 2 and 3) GB/T 17215.323-2022 10.3		2023-10-23
				Electricity metering equipment（AC)-Particular requirements-Part 24: Static meters for fundamental component reactive energy		2023-10-23

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		№	Item/ Parameter			
				(classes 0,5S, 1S, 1, 2 and 3) GB/T 17215.324-2022 10.3		
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Special Requirements and Safety Requirements JJF 1245.4-2019 6.7.8.1,9.7.8.1		2023-10-23
				Technical specification for single phase smart electricity meters Q/GDW 10364-2020 4.6.3,5.6.3		2023-10-23
		55	Pulse voltage test	Electricity metering equipment (AC)-Particular requirements-Part 21：Static meters for active energy(classes A, B, C, D and E) GB/T 17215.321-2021 11.4.3		2023-10-23
				Electricity metering equipment (AC)-Particular requirements-Part 23: Static meters for reactive energy (classes 2 and 3) GB/T 17215.323-2022 10.4.3		2023-10-23
				Electricity metering equipment（AC)-Particular requirements-Part 24: Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3) GB/T 17215.324-2022 10.4.3		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Active Electrical Energy Meters JJF 1245.1-2019 6.2.6,9.4.10		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Reactive Electrical Energy Meters JJF 1245.3-2019 6.2.6,9.4.9		2023-10-23
				Technical specification for single phase smart electricity meters Q/GDW 10364-2020 4.7.1,5.7.2		2023-10-23
				Technical specification for poly-phase smart electricity meters Q/GDW 10827-2020 4.7.1,5.7.2		2023-10-23
		56	AC power frequency voltage	Electricity metering equipment (AC)—Particular requirements—Part 21：Static meters for active energy(classes A, B, C, D and E) GB/T 17215.321-2021 11.4.4		2023-10-23
				Electricity metering equipment (AC)—Particular requirements—Part 23: Static meters for reactive energy (classes 2 and 3) GB/T 17215.323-2022 10.4.4		2023-10-23

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				Electricity metering equipment（AC)—Particular requirements—Part 24: Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3) GB/T 17215.324-2022 10.4.4		2023-10-23
				Technical specification for single phase smart electricity meters Q/GDW 10364-2020 4.7.2,5.7.3		2023-10-23
				Technical specification for poly-phase smart electricity meters GB/T 17215Q / GDW 10827-2020.324-2022 4.7.2,5.7.3		2023-10-23
		57	Electricity metering and storage	Program of Pattern Evaluation of Fixed AC Electricity Meters-Functional Requirements JJF 1245.5-2019 6.1,9.2		2023-10-23
		58	Demand measurement	Program of Pattern Evaluation of Fixed AC Electricity Meters-Functional Requirements JJF 1245.5-2019 6.2,9.3		2023-10-23
				Electricity metering equipment(AC)—Particular requirements—Part 1:Multi-function electricity meters GB/T17215.301-2024 4.4.2, 4.4.3		2025-01-26
		59	Multi-rate	Program of Pattern Evaluation of Fixed AC Electricity Meters-Functional Requirements JJF 1245.5-2019 6.3,9.4		2023-10-23
		60	Clock	Program of Pattern Evaluation of Fixed AC Electricity Meters-Functional Requirements JJF 1245.5-2019 6.4,9.5		2023-10-23
		61	Cost control	Program of Pattern Evaluation of Fixed AC Electricity Meters-Functional Requirements JJF 1245.5-2019 6.5,9.6		2023-10-23
		62	Data communication	Program of Pattern Evaluation of Fixed AC Electricity Meters-Functional Requirements JJF 1245.5-2019 6.6,9.7		2023-10-23
		63	Event recording	Program of Pattern Evaluation of Fixed AC Electricity Meters-Functional Requirements JJF 1245.5-2019 6.7,9.8		2023-10-23
		64	clear	Program of Pattern Evaluation of Fixed AC Electricity Meters-Functional Requirements JJF 1245.5-2019 6.8,9.9		2023-10-23
		65	Freezing	Program of Pattern Evaluation of Fixed AC Electricity Meters-Functional Requirements JJF 1245.5-2019 6.9,9.10		2023-10-23

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		66	Load recording	Program of Pattern Evaluation of Fixed AC Electricity Meters-Functional Requirements JJF 1245.5-2019 6.10,9.11		2023-10-23
		67	Measurement of electrical parameters	Electricity metering equipment(AC)—Particular requirements—Part 1:Multi-function electricity meters GB/T17215.301-2024 4.5		2025-01-26
		68	Basic function	Multi-rate electricity meters-Particular requirements GB/T15284-2022 6.1.1		2023-10-23
		69	Local meterfunction	Multi-rate electricity meters-Particular requirements GB/T15284-2022 6.1.2		2023-10-23
		70	Remote meter function	Multi-rate electricity meters-Particular requirements GB/T15284-2022 6.1.3		2023-10-23
		71	Extended functions	Multi-rate electricity meters—Particular requirements GB/T15284-2022 6.1.4		2023-10-23
		72	Current loop impedance	Technical specification for single phase smart electricity meters Q/GDW 10364-2020 4.6.2,5.6.2		2023-10-23
				Technical specification for poly-phase smart electricity meters Q/GDW 10827-2020 4.6.2,5.6.2		2023-10-23
		73	On load capability test of communication module interface	Technical specification for single phase smart electricity meters Q/GDW 10364-2020 4.3.4.6,5.6.4		2023-10-23
				Technical specification for poly-phase smart electricity meters Q/GDW 10827-2020 4.3.4.7,5.6.3		2023-10-23
		74	Interchangeability test of communication module	Technical specification for single phase smart electricity meters Q/GDW 10364-2020 4.12,5.6.5		2023-10-23
				Technical specification for poly-phase smart electricity meters Q/GDW 10364-2020 4.12,5.6.5Q/GDW 10364—2020Q / GDW 10827-2020 4.12,5.6.4		2023-10-23
		75	Communication protocol consistency check	Technical specification for single phase smart electricity meters Q/GDW 10364-2020 5.10		2023-10-23
				Technical specification for poly-phase smart electricity meters Q/GDW 10827-2020 5.10		2023-10-23

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		76	battery	Technical specification for single phase smart electricity meters Q/GDW 10364-2020 4.3.5		2023-10-23
				Technical specification for poly-phase smart electricity meters Q/GDW 10827-2020 4.3.5		2023-10-23
2	Electromechanical Meters for Measuring Alternating-current Electrical Energy	1	Nominal electrical values	Electricity metering equipment(AC)-General requirements, tests and test conditions-Part 11：Metering equipment GB/T17215.211-2021 4.1,4.2,4.3		2023-10-23
				Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment IEC 62052-11:2020 4.1,4.2,4.3		2023-10-23
				Electricity metering equipment(a.c) - Particular Requirements - Part 11: Electromechanical meter for active energy(classes0.5、1and2) GB/T17215.311-2008 4		2023-10-23
				Electricity metering equipment (a.c.) –Particular requirements – Part 11:Electromechanical meters for active energy (classes 0,5, 1 and 2) IEC 62053-11:2003+AMD1:2016 4		2024-05-07
				IEC 62052-11:2003 4.1,4.2,4.3		2023-10-23
		2	Apparent inspection	Program of Pattern Evaluation of Fixed AC Electricity Meters-Active Electrical Energy Meters JJF 1245.1-2019 5,6.1,6.5,8.1 9		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Reactive Electrical Energy Meters JJF 1245.3-2019 5,6.1,6.5,8 9		2023-10-23
		3	Power consumption	Electricity metering equipment(AC)-General requirements, tests and test conditions-Part 11：Metering equipment GB/T17215.211-2021 4.4		2023-10-23
				Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment IEC 62052-11:2020 4.4		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Special Requirements and Safety Requirements JJF 1245.4-2019		2023-10-23

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				6.5.9.5		
				Electricity metering equipment(a.c) - Particular Requirements - Part 11: Electromechanical meter for active energy(classes0.5、1and2) GB/T17215.311-2008 7.1		2023-10-23
				Electricity metering equipment (a.c.) –Particular requirements – Part 11:Electromechanical meters for active energy (classes 0,5, 1 and 2) IEC 62053-11:2003+AMD1:2016 7.1		2024-05-07
				Reactive energy meters GB/T15282-1994 6.3		2023-10-23
				Part 2: Particular requirements -Electromechanical meters for active energy (class indexes A and B) EN 50470-2-2006+A1:2018 7.1		2023-10-23
		4	Window	Electricity metering equipment(AC)-General requirements, tests and test conditions-Part 11：Metering equipment GB/T17215.211-2021 5.3		2023-10-23
				Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment IEC 62052-11:2020 5.3		2023-10-23
		5	Terminals – Terminal block(s) – Protective conductor terminal	Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment IEC 62052-11:2020 5.4		2023-10-23
				Electricity metering equipment (a.c.) - Part 1: General requirements, tests and test conditions — Metering equipment (class indexes A, B and C) EN 50470-1-2006+A1:2018 5.4		2023-10-23
		6	Sealing provisions	Electricity metering equipment(AC)-General requirements, tests and test conditions-Part 11：Metering equipment GB/T17215.211-2021 5.4		2023-10-23
				Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment IEC 62052-11:2020		2023-10-23

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				5.5		
		7	Display of measured values	Electricity metering equipment(AC)-General requirements, tests and test conditions—Part 11：Metering equipment GB/T17215.211-2021 5.5		2023-10-23
				Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment IEC 62052-11:2020 5.6		2023-10-23
		8	Storage of measured values	Electricity metering equipment(AC)-General requirements, tests and test conditions-Part 11：Metering equipment GB/T17215.211-2021 5.6		2023-10-23
				Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment IEC 62052-11:2020 5.7		2023-10-23
		9	Pulse outputs	Electricity metering equipment(AC)-General requirements, tests and test conditions-Part 11：Metering equipment GB/T17215.211-2021 5.7		2023-10-23
				Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment IEC 62052-11:2020 5.8		2023-10-23
		10	operation indicator	Electricity metering equipment(AC)-General requirements, tests and test conditions-Part 11：Metering equipment GB/T17215.211-2021 5.9		2023-10-23
		11	Meter marking and documentation	Electricity metering equipment(AC)-General requirements, tests and test conditions-Part 11：Metering equipment GB/T17215.211-2021 6		2023-10-23
				Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment IEC 62052-11:2020 6		2023-10-23

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		12	Meter constant	Electricity metering equipment(AC)-General requirements, tests and test conditions-Part 11：Metering equipment GB/T17215.211-2021 7.3		2023-10-23
				Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment IEC 62052-11:2020 7.4		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Active Electrical Energy Meters JJF 1245.1-2019 6.5.2,9.2.5		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Reactive Electrical Energy Meters JJF 1245.3-2019 6.5.2,9.2.5		2023-10-23
				Electricity metering equipment(a.c) - Particular Requirements - Part 11: Electromechanical meter for active energy(classes0.5、1and2) GB/T17215.311-2008 8.4		2023-10-23
				Electricity metering equipment (a.c.) -Particular requirements - Part 11:Electromechanical meters for active energy (classes 0,5, 1 and 2) IEC 62053-11:2003+AMD1:2016 8.4		2024-05-07
				Reactive energy meters GB/T15282-1994 8.3		2023-10-23
				Part 2: Particular requirements —Electromechanical meters for active energy (class indexes A and B) EN 50470-2-2006+A1:2018 8.7.10		2023-10-23
		13	Test of no-load condition	Electricity metering equipment(AC)-General requirements, tests and test conditions-Part 11：Metering equipment GB/T17215.211-2021 7.4		2023-10-23
				Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment IEC 62052-11:2020 7.6		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Active Electrical Energy Meters JJF 1245.1-2019 6.2.4,9.2.4		2023-10-23

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				Program of Pattern Evaluation of Fixed AC Electricity Meters-Reactive Electrical Energy Meters JJF 1245.3-2019 6.2.4,9.2.4		2023-10-23
				Electricity metering equipment(a.c) - Particular Requirements - Part 11: Electromechanical meter for active energy(classes0.5、1and2) GB/T17215.311-2008 8.3.2		2023-10-23
				Electricity metering equipment (a.c.) -Particular requirements - Part 11:Electromechanical meters for active energy (classes 0,5, 1 and 2) IEC 62053-11:2003+AMD1:2016 8.3.1		2024-05-07
				Reactive energy meters GB/T15282-1994 9.1		2023-10-23
				Part 2: Particular requirements -Electromechanical meters for active energy (class indexes A and B) EN 50470-2-2006+A1:2018 8.7.9.2		2023-10-23
		14	Starting current test	Electricity metering equipment(AC)-General requirements, tests and test conditions-Part 11：Metering equipment GB/T17215.211-2021 7.5		2023-10-23
				Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment IEC 62052-11:2020 7.7		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Active Electrical Energy Meters JJF 1245.1-2019 6.2.3,9.2.3		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Reactive Electrical Energy Meters JJF 1245.3-2019 6.2.3,9.2.3		2023-10-23
				Electricity metering equipment(a.c) - Particular Requirements - Part 11: Electromechanical meter for active energy(classes0.5、1and2) GB/T17215.311-2008 8.3.2		2023-10-23
				Electricity metering equipment (a.c.) - Particular requirements - Part 11:Electromechanical meters for active energy (classes 0,5, 1 and 2) IEC 62053-11:2003+AMD1:2016 8.3.2		2024-05-07

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				Reactive energy meters GB/T15282-1994 9.2		2023-10-23
				Part 2: Particular requirements -Electromechanical meters for active energy (class indexes A and B) EN 50470-2-2006+A1:2018 8.7.9.3		2023-10-23
		15	initial intrinsic error	Electricity metering equipment(AC)-General requirements, tests and test conditions-Part 11：Metering equipment GB/T17215.211-2021 7.6		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Active Electrical Energy Meters JJF 1245.1-2019 6.2.3,9.2.1		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Reactive Electrical Energy Meters JJF 1245.3-2019 6.2.2,9.2.1		2023-10-23
		16	Limits of error due to variation of the curren	Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment IEC 62052-11:2020 7.9		2023-10-23
				Electricity metering equipment(a.c) - Particular Requirements - Part 11: Electromechanical meter for active energy(classes0.5、1and2) GB/T17215.311-2008 8.1		2023-10-23
				Electricity metering equipment (a.c.) –Particular requirements – Part 11:Electromechanical meters for active energy (classes 0,5, 1 and 2) IEC 62053-11:2003+AMD1:2016 8.1		2024-05-07
				Reactive energy meters GB/T15282-1994 8.2		2023-10-23
				Part 2: Particular requirements -Electromechanical meters for active energy (class indexes A and B) EN 50470-2-2006+A1:2018 8.7.2		2023-10-23
		17	Starting current test	Electricity metering equipment(AC)-General requirements, tests and test conditions-Part 11：Metering equipment GB/T17215.211-2021 7.7		2023-10-23

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				Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment IEC 62052-11:2020 7.8		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Special Requirements and Safety Requirements JJF 1245.4-2019 6.2.1,9.2.1		2023-10-23
				Part 2: Particular requirements -Electromechanical meters for active energy (class indexes A and B) EN 50470-2-2006+A1:2018 8.7.4		2023-10-23
		18	Variation requirement test	Electricity metering equipment(AC)-General requirements, tests and test conditions—Part 11：Metering equipment GB/T17215.211-2021 7.8		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Special Requirements and Safety Requirements JJF 1245.4-2019 6.2.2,9.2.2		2023-10-23
		19	Load current fluctuation variation test	Electricity metering equipment(AC)-General requirements, tests and test conditions-Part 11：Metering equipment GB/T17215.211-2021 7.9		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Special Requirements and Safety Requirements JJF 1245.4-2019 6.2.3,9.2.3		2023-10-23
		20	Consistence error test	Electricity metering equipment(AC)-General requirements, tests and test conditions-Part 11：Metering equipment GB/T17215.211-2021 7.10		2023-10-23
		21	Durability	Electricity metering equipment(AC)-neral requirements, tests and test conditions-Part 11：Metering equipment GB/T17215.211-2021 8.4.8		2023-10-23
				Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment IEC 62052-11:2020 8.4		2023-10-23

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				Program of Pattern Evaluation of Fixed AC Electricity Meters-Active Electrical Energy Meters JJF 1245.1-2019 6.2.6,6.6,9.4.17		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Reactive Electrical Energy Meters JJF 1245.3-2019 6.2.6,6.6,,9.4.16		2023-10-23
				Electricity metering equipment—Dependability-Part 321: Durability testing of the stability of metrological characteristics by applying elevated temperature GB/T 17215.9321-2016/IEC 62059-32-1:2011 5 6 7 8 9		2023-10-23
		22	Voltage dips and short interruptions	Electricity metering equipment(AC)-General requirements, tests and test conditions-Part 11：Metering equipment GB/T17215.211-2021 9.3.2		2023-10-23
				Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment IEC 62052-11:2020 9.3.2		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Active Electrical Energy Meters JJF 1245.1-2019 6.2.6,9.4.5		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Reactive Electrical Energy Meters JJF 1245.3-2019 6.2.6,9.4.4		2023-10-23
				Part 2: Particular requirements -Electromechanical meters for active energy (class indexes A and B) EN 50470-2-2006+A1:2018 7		2023-10-23
				Electricity metering equipment (a.c.) -Part 1: General requirements, tests and test conditions — Metering equipment (class indexes A, B and C) EN 50470-1-2006+A1:2018 7.4.4		2023-10-23
		23	External static magnetic fields	Electricity metering equipment(AC)-General requirements, tests and test conditions—Part 11：Metering equipment GB/T17215.211-2021 9.3.12		2023-10-23
				Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment IEC 62052-11:2020		2023-10-23

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		№	Item/ Parameter			
				9.3.12		
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Active Electrical Energy Meters JJF 1245.1-2019 6.2.5,9.3.13		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Reactive Electrical Energy Meters JJF 1245.3-2019 6.2.5,9.3.8		2023-10-23
				Electricity metering equipment(a.c) - Particular Requirements - Part 11: Electromechanical meter for active energy(classes0.5、1and2) GB/T17215.311-2008 8.2		2023-10-23
				Electricity metering equipment (a.c.) –Particular requirements – Part 11:Electromechanical meters for active energy (classes 0,5, 1 and 2) IEC 62053-11:2003+AMD1:2016 8.2		2024-05-07
				Reactive energy meters GB/T15282-1994 8.5.2		2023-10-23
				Part 2: Particular requirements -Electromechanical meters for active energy (class indexes A and B) EN 50470-2-2006+A1:2018 8.7.7.9		2023-10-23
		24	Power frequency magnetic field immunity test（no-load）	Electricity metering equipment(AC)-General requirements, tests and test conditions-Part 11：Metering equipment GB/T17215.211-2021 9.3.14		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Special Requirements and Safety Requirements JJF 1245.4-2019 6.4,9.4.1		2023-10-23
		25	Extended power frequency magnetic field immunity test	Electricity metering equipment(AC)-General requirements, tests and test conditions-Part 11：Metering equipment GB/T17215.211-2021 9.3.15		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Active Electrical Energy Meters JJF 1245.1-2019 6.2.6,9.4.2		2023-10-23
		26	Harmonics in the current and voltage	Electricity metering equipment(AC)-General requirements, tests and test conditions-Part 11：Metering equipment		2023-10-23

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		№	Item/ Parameter			
			circuits	GB/T17215.211-2021 9.4.2		
				Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment IEC 62052-11:2020 9.4.2		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Active Electrical Energy Meters JJF 1245.1-2019 6.2.5,9.3.6,9.3.10,9.3.11,9.3.17		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Reactive Electrical Energy Meters JJF 1245.3-2019 6.2.5,9.3.5,6.2.5		2023-10-23
				Electricity metering equipment(a.c) - Particular Requirements - Part 11: Electromechanical meter for active energy(classes0.5、1and2) GB/T17215.311-2008 8.2		2023-10-23
				Electricity metering equipment (a.c.) –Particular requirements – Part 11:Electromechanical meters for active energy (classes 0,5, 1 and 2) IEC 62053-11:2003+AMD1:2016 8.2		2024-05-07
				Part 2: Particular requirements -Electromechanical meters for active energy (class indexes A and B) EN 50470-2-2006+A1:2018 8.7.7.7		2023-10-23
		27	Imbalance load test	Electricity metering equipment(AC)-General requirements, tests and test conditions—Part 11：Metering equipment GB/T17215.211-2021 9.4.3		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Active Electrical Energy Meters JJF 1245.1-2019 6.2.5,9.3.9		2023-10-23
		28	unbalance voltage test	Part 2: Particular requirements —Electromechanical meters for active energy (class indexes A and B) EN 50470-2-2006+A1:2018 8.7.7.4		2023-10-23
		29	Voltage variation	Electricity metering equipment(AC)-General requirements, tests and test conditions-Part 11：Metering equipment		2023-10-23

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		№	Item/ Parameter			
				GB/T17215.211-2021 9.4.4		
				Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment IEC 62052-11:2020 9.4.3		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Active Electrical Energy Meters JJF 1245.1-2019 6.2.5,9.3.4		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Reactive Electrical Energy Meters JJF 1245.3-2019 6.2.5,9.3.3		2023-10-23
				Electricity metering equipment(a.c) - Particular Requirements - Part 11: Electromechanical meter for active energy(classes0.5、1and2) GB/T17215.311-2008 8.2		2023-10-23
				Electricity metering equipment (a.c.) –Particular requirements – Part 11:Electromechanical meters for active energy (classes 0,5, 1 and 2) IEC 62053-11:2003+AMD1:2016 8.2		2024-05-07
				Reactive energy meters GB/T15282-1994 8.5.2		2023-10-23
		30	Server voltage variation	Program of Pattern Evaluation of Fixed AC Electricity Meters-Active Electrical Energy Meters JJF 1245.1-2019 6.2.5,9.3.8		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Reactive Electrical Energy Meters JJF 1245.3-2019 6.2.5,9.3.7		2023-10-23
				Part 2: Particular requirements -Electromechanical meters for active energy (class indexes A and B) EN 50470-2-2006+A1:2018 8.7.7.2		2023-10-23
		31	Ambient temperature variationAmbient temperature variation	Electricity metering equipment(AC)-General requirements, tests and test conditions-Part 11：Metering equipment GB/T17215.211-2021 9.4.5		2023-10-23
				Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment IEC 62052-11:2020 9.4.4		2023-10-23

The scope of the accreditation in Chinese remains the definitive version.

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		№	Item/ Parameter			
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Active Electrical Energy Meters JJF 1245.1-2019 6.2.5,9.3.2		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Reactive Electrical Energy Meters JJF 1245.3-2019 6.2.5,9.3.2		2023-10-23
				Electricity metering equipment(a.c) - Particular Requirements - Part 11: Electromechanical meter for active energy(classes0.5、1and2) GB/T17215.311-2008 8.2		2023-10-23
				Electricity metering equipment (a.c.) –Particular requirements – Part 11:Electromechanical meters for active energy (classes 0,5, 1 and 2) IEC 62053-11:2003+AMD1:2016 8.2		2024-05-07
				Reactive energy meters GB/T15282-1994 8.5.1		2023-10-23
		32	One or two phase voltage interruption test	Electricity metering equipment(AC)-General requirements, tests and test conditions-Part 11：Metering equipment GB/T17215.211-2021 9.4.6		2023-10-23
				Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment IEC 62052-11:2020 9.4.5		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Active Electrical Energy Meters JJF 1245.1-2019 6.2.5,9.3.9		2023-10-23
		33	Frequency variation	Electricity metering equipment(AC)-General requirements, tests and test conditions—Part 11：Metering equipment GB/T17215.211-2021 9.4.7		2023-10-23
				Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment IEC 62052-11:2020 9.4.6		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Active Electrical Energy Meters JJF 1245.1-2019 6.2.5,9.3.5		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Reactive Electrical Energy Meters JJF 1245.3-2019 6.2.5,9.3.4		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
				Electricity metering equipment(a.c) - Particular Requirements - Part 11: Electromechanical meter for active energy(classes0.5、1and2) GB/T17215.311-2008 8.2		2023-10-23
				Electricity metering equipment (a.c.) –Particular requirements – Part 11:Electromechanical meters for active energy (classes 0,5, 1 and 2) IEC 62053-11:2003+AMD1:2016 8.2		2024-05-07
				Reactive energy meters GB/T15282-1994 8.5.2		2023-10-23
		34	Reversed phase sequence	Electricity metering equipment(AC)-General requirements, tests and test conditions—Part 11：Metering equipment GB/T17215.211-2021 9.4.8		2023-10-23
				Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment IEC 62052-11:2020 9.4.7		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Active Electrical Energy Meters JJF 1245.1-2019 6.2.5,9.3.12		2023-10-23
				Electricity metering equipment(a.c) - Particular Requirements - Part 11: Electromechanical meter for active energy(classes0.5、1and2) GB/T17215.311-2008 8.2		2023-10-23
				Electricity metering equipment (a.c.) –Particular requirements – Part 11:Electromechanical meters for active energy (classes 0,5, 1 and 2) IEC 62053-11:2003+AMD1:2016 8.2		2024-05-07
				Part 2: Particular requirements -Electromechanical meters for active energy (class indexes A and B) EN 50470-2-2006+A1:2018 8.7.7.3		2023-10-23
		35	Operation of auxiliary devices	Electricity metering equipment(AC)-General requirements, tests and test conditions-Part 11：Metering equipment GB/T17215.211-2021 9.4.10		2023-10-23
				Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment IEC 62052-11:2020		2023-10-23

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		№	Item/ Parameter			
				9.4.9		
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Active Electrical Energy Meters JJF 1245.1-2019 6.2.6,9.4.12		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Reactive Electrical Energy Meters JJF 1245.3-2019 6.2.6,9.4.11		2023-10-23
				Electricity metering equipment (a.c.) — Part 1: General requirements, tests and test conditions — Metering equipment (class indexes A, B and C) EN 50470-1-2006+A1:2018 8.7.7.10		2023-10-23
		36	Short-time overcurrents	Electricity metering equipment(AC)—General requirements, tests and test conditions—Part 11：Metering equipment GB/T17215.211-2021 9.4.11		2023-10-23
				Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment IEC 62052-11:2020 9.4.11		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Active Electrical Energy Meters JJF 1245.1-2019 6.2.6,9.4.9		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Reactive Electrical Energy Meters JJF 1245.3-2019 9 6.2.6,9.4.8		2023-10-23
				Electricity metering equipment(a.c) - Particular Requirements - Part 11: Electromechanical meter for active energy(classes0.5、1and2) GB/T17215.311-2008 7.2		2023-10-23
				Electricity metering equipment (a.c.) –Particular requirements – Part 11:Electromechanical meters for active energy (classes 0,5, 1 and 2) IEC 62053-11:2003+AMD1:2016 7.2		2024-05-07
				Reactive energy meters GB/T15282-1994 8.6		2023-10-23
				Part 2: Particular requirements -Electromechanical meters for active energy (class indexes A and B) EN 50470-2-2006+A1:2018 8.7.8		2023-10-23

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		№	Item/ Parameter			
		37	Fast load current variations	Electricity metering equipment(AC)-General requirements, tests and test conditions-Part 11：Metering equipment GB/T17215.211-2021 9.4.12		2023-10-23
				Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment IEC 62052-11:2020 9.4.12		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Functional Requirements JJF 1245.4-2019 6.3,9.3.3		2023-10-23
		38	Self-heating	Electricity metering equipment(AC)-General requirements, tests and test conditions-Part 11：Metering equipment GB/T17215.211-2021 9.4.13		2023-10-23
				Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment IEC 62052-11:2020 9.4.11		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Active Electrical Energy Meters JJF 1245.1-2019 6.2.5,9.2.2		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Reactive Electrical Energy Meters JJF 1245.3-2019 6.2.5,9.2.2		2023-10-23
				Electricity metering equipment(a.c) - Particular Requirements - Part 11: Electromechanical meter for active energy(classes0.5、1and2) GB/T17215.311-2008 7.3		2023-10-23
				Electricity metering equipment (a.c.) –Particular requirements – Part 11:Electromechanical meters for active energy (classes 0,5, 1 and 2) IEC 62053-11:2003+AMD1:2016 7.3		2024-05-07
				Reactive energy meters GB/T15282-1994 8.7		2023-10-23
				Part 2: Particular requirements -Electromechanical meters for active energy (class indexes A and B) EN 50470-2-2006+A1:2018 8.7.7.5		2023-10-23

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		№	Item/ Parameter			
		39	Higher harmonic test	Electricity metering equipment(AC)-General requirements, tests and test conditions—Part 11：Metering equipment GB/T17215.211-2021 9.4.15		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Active Electrical Energy Meters JJF 1245.1-2019 6.2.5,9.3.18		2023-10-23
		40	Earth fault	Electricity metering equipment(AC)-General requirements, tests and test conditions-Part 11：Metering equipment GB/T17215.211-2021 9.4.16		2023-10-23
				Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment IEC 62052-11:2020 9.4.13		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Active Electrical Energy Meters JJF 1245.1-2019 6.2.6,9.4.11		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meters-Reactive Electrical Energy Meters JJF 1245.3-2019 6.2.6,9.4.10		2023-10-23
				Part 2: Particular requirements —Electromechanical meters for active energy (class indexes A and B) EN 50470-2-2006+A1:2018 8.7.7.6		2023-10-23
		41	Protection of mechanical hazards	Program of Pattern Evaluation of Fixed AC Electricity Meters-Special Requirements and Safety Requirements JJF 1245.4-2019 6.7.1,9.7.1		2023-10-23
		42	Protective connection measures	Program of Pattern Evaluation of Fixed AC Electricity Meters-Special Requirements and Safety Requirements JJF 1245.4-2019 6.7.3,9.7.3		2023-10-23
		43	limits of meter temperature resistanceand heat	Program of Pattern Evaluation of Fixed AC Electricity Meters-Special Requirements and Safety Requirements JJF 1245.4-2019 6.7.5,9.7.5		2023-10-23
		44	Clearances and creepage distances	Program of Pattern Evaluation of Fixed AC Electricity Meters-Special Requirements and Safety Requirements JJF 1245.4-2019 6.7.7,9.7.7		2023-10-23

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		45	Withstand long-term overvoltage test	Program of Pattern Evaluation of Fixed AC Electricity Meters-Special Requirements and Safety Requirements JJF 1245.4-2019 6.7.8.1,9.7.8.1		2023-10-23
		46	Pulse voltage test	Program of Pattern Evaluation of Fixed AC Electricity Meters-Active Electrical Energy Meters JJF 1245.1-2019 6.2.6,9.4.10		2023-10-23
				Program of Pattern Evaluation of Fixed AC Electricity Meter-Reactive Electrical Energy Meters JJF 1245.3-2019 6.2.6,9.4.9		2023-10-23
				Reactive energy meters GB/T15282-1994 6.5		2023-10-23
				Part 2: Particular requirements -Electromechanical meters for active energy (class indexes A and B) EN 50470-2-2006+A1:2018 7		2023-10-23
		47	AC power frequency voltage	Electricity metering equipment(a.c) - Particular Requirements - Part 11: Electromechanical meter for active energy(classes0.5、1and2) GB/T17215.311-2008 7.4		2023-10-23
				Electricity metering equipment (a.c.) –Particular requirements – Part 11:Electromechanical meters for active energy (classes 0,5, 1 and 2) IEC 62053-11:2003+AMD1:2016 7.4		2024-05-07
				Reactive energy meters GB/T15282-1994 6.5		2023-10-23
				Part 2: Particular requirements -Electromechanical meters for active energy (class indexes A and B) EN 50470-2-2006+A1:2018 7.3.4		2023-10-23
				Electricity metering equipment (a.c.) - Part 1: General requirements, tests and test conditions — Metering equipment (class indexes A, B and C) EN 50470-1-2006+A1:2018 7.2		2023-10-23
		48	Electricity metering and storage	Program of Pattern Evaluation of Fixed AC Electricity Meters-Functional Requirements JJF 1245.5-2019 6.1,9.2		2023-10-23
		49	temperature rise test	Electricity metering equipment(a.c) - Particular Requirements - Part 11: Electromechanical meter for active energy(classes0.5、		2023-10-23

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		№	Item/ Parameter			
				1and2) GB/T17215.311-2008 7		
				Electricity metering equipment (a.c.) –Particular requirements – Part 11:Electromechanical meters for active energy (classes 0,5, 1 and 2) IEC 62053-11:2003+AMD1:2016 7		2024-05-07
				Reactive energy meters GB/T15282-1994 6.4		2023-10-23
				Part 2: Particular requirements -Electromechanical meters for active energy (class indexes A and B) EN 50470-2-2006+A1:2018 7.2		2023-10-23
				Electricity metering equipment (a.c.) - Part 1: General requirements, tests and test conditions — Metering equipment (class indexes A, B and C) EN 50470-1-2006+A1:2018 7		2023-10-23
		50	Tilt Impact Test	Electricity metering equipment(AC)-General requirements, tests and test conditions-Part 11：Metering equipment GB/T17215.211-2021 9.4.14		2023-10-23
				Electricity metering equipment(a.c) - Particular Requirements - Part 11: Electromechanical meter for active energy(classes0.5、1and2) GB/T17215.311-2008 8.2		2023-10-23
				Electricity metering equipment (a.c.) –Particular requirements – Part 11:Electromechanical meters for active energy (classes 0,5, 1 and 2) IEC 62053-11:2003+AMD1:2016 8.2		2024-05-07
				Reactive energy meters GB/T15282-1994 8.5.2		2023-10-23
				Part 2: Particular requirements —Electromechanical meters for active energy (class indexes A and B) EN 50470-2-2006+A1:2018 8.7.7.12		2023-10-23
3	Testing equipment for electrical	1	Marking	Testing equipment for electrical energy meters GB/T11150-2001 8.1		2023-10-23
		2	Tests of insulation	Testing equipment for electrical energy meters GB/T11150-2001		2023-10-23

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		№	Item/ Parameter			
	energy meters		properties	5.11		
		3	Basic error test	Testing equipment for electrical energy meters GB/T11150-2001 5.1		2023-10-23
		4	Measurement repeatability	Testing equipment for electrical energy meters GB/T11150-2001 5.2		2023-10-23
		5	Electrical parameters output of equipment test	Testing equipment for electrical energy meters GB/T11150-2001 5.3		2023-10-23
		6	Magnetic field of equipment test	Testing equipment for electrical energy meters GB/T11150-2001 5.4		2023-10-23
		7	Adjustment of equipment test	Testing equipment for electrical energy meters GB/T11150-2001 5.5		2023-10-23
		8	Monitor of equipment test	Testing equipment for electrical energy meters GB/T11150-2001 5.6		2023-10-23
		9	Consistence of multiple output test	Testing equipment for electrical energy meters GB/T11150-2001 5.7		2023-10-23
		10	Effects of ambient temperature	Testing equipment for electrical energy meters GB/T11150-2001 5.8 Serial Numbe 1 in table 3		2023-10-23
		11	Effects of ambient humidity	Testing equipment for electrical energy meters GB/T11150-2001 5.8 Serial Numbe 2 in table 3		2023-10-23
		12	Effects of working position	Testing equipment for electrical energy meters GB/T11150-2001 5.8 Serial Numbe 3 in table 3		2023-10-23
		13	measurement circuit voltage	Testing equipment for electrical energy meters GB/T11150-2001 5.8 Serial Numbe 4 in table 3		2023-10-23
		14	measurement circuit frequency	Testing equipment for electrical energy meters GB/T11150-2001 5.8 Serial Numbe 5 in table 3		2023-10-23
		15	measurement circuit phase-sequence	Testing equipment for electrical energy meters GB/T11150-2001 5.8 Serial Numbe 6 in table 3		2023-10-23

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		№	Item/ Parameter			
		16	unbalance voltage in measurement circuit	Testing equipment for electrical energy meters GB/T11150-2001 5.8 Serial Numbe 7 in table 3		2023-10-23
		17	3th harmonic in current circuit	Testing equipment for electrical energy meters GB/T11150-2001 5.8 Serial Numbe 8 in table 3		2023-10-23
		18	5th harmonic in voltage and current measurement circuit	Testing equipment for electrical energy meters GB/T11150-2001 5.8 Serial Numbe 9 in table 3		2023-10-23
		19	DC and even harmonics in current circuit	Testing equipment for electrical energy meters GB/T11150-2001 5.8 Serial Numbe 10 in table 3		2023-10-23
		20	odd harmonic in current circuit	Testing equipment for electrical energy meters GB/T11150-2001 5.8 Serial Numbe 11 in table 3		2023-10-23
		21	subharmonic in current circuit	Testing equipment for electrical energy meters GB/T11150-2001 5.8 Serial Numbe 12 in table 3		2023-10-23
		22	External magnetic fields	Testing equipment for electrical energy meters GB/T11150-2001 5.8 Serial Numbe 13 in table 3		2023-10-23
		23	Effects of auxiliary voltage	Testing equipment for electrical energy meters GB/T11150-2001 5.8 Serial Numbe 14 in table 3		2023-10-23
		24	Effects of auxiliary frequency	Testing equipment for electrical energy meters GB/T11150-2001 5.8 Serial Numbe 15 in table 3		2023-10-23
		25	Stability test	Testing equipment for electrical energy meters GB/T11150-2001 5.9		2023-10-23
4	Reference Meters for Electrical Energy （Electric energy meter calibrator）	1	Structure and appearance	Standard meter for AC electrical energy GB/T43918-2024 5.1		2025-01-26
		2	AC voltage test	Standard meter for AC electrical energy GB/T43918-2024 6.5.2		2025-01-26
				On- site Testing equipment for alternating current electricity meters DL/T826-2002 6.4.8.3		2023-10-23
		3	insulation resistance	Standard meter for AC electrical energy GB/T43918-2024 6.5.1		2025-01-26

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		№	Item/ Parameter			
				On- site Testing equipment for alternating current electricity meters DL/T826-2002 6.4.8.4		2023-10-23
		4	Intrinsic error	Standard meter for AC electrical energy GB/T43918-2024 7.2		2025-01-26
		5	Limits of error due to variation of the curren	On- site Testing equipment for alternating current electricity meters DL/T826-2002 5.6.1		2023-10-23
		6	Repeatability test	Standard meter for AC electrical energy GB/T43918-2024 7.4		2025-01-26
				On- site Testing equipment for alternating current electricity meters DL/T826-2002 5.6.2		2023-10-23
		7	stability test	Standard meter for AC electrical energy GB/T43918-2024 7.3		2025-01-26
				On- site Testing equipment for alternating current electricity meters DL/T826-2002 5.6.3		2023-10-23
		8	Limits of error due to influence quantities	Standard meter for AC electrical energy GB/T43918-2024 7.5		2025-01-26
				On- site Testing equipment for alternating current electricity meters DL/T826-2002 5.6.4		2023-10-23
		9	Climate adaptability	Standard meter for AC electrical energy GB/T43918-2024 9		2025-01-26
				On- site Testing equipment for alternating current electricity meters DL/T826-2002 5.6.5		2023-10-23
		10	Electric energy pulse test	Reference meter for electrical energy GB/T43918-2024 6.4		2025-01-26
				On- site Testing equipment for alternating current electricity meters DLT/826-2002 5.6.7		2023-10-23
		11	Power consumption	Standard meter for AC electrical energy GB/T43918-2024 6.3		2025-01-26
				On- site Testing equipment for alternating current electricity meters DL/T826-2002 5.4.1		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		12	Self-heating	Standard meter for AC electrical energy GB/T43918-2024 6.6		2025-01-26
				On- site Testing equipment for alternating current electricity meters DL/T826-2002 5.4.6		2023-10-23
		13	Surface temperature limit	Standard meter for AC electrical energy GB/T43918-2024 5.2.5		2025-01-26
				On- site Testing equipment for alternating current electricity meters DL/T826-2002 5.4.7		2023-10-23
5	lectric energy metering device on-site installation	1	On-site inspection	Technical administrative code of electric energy metering DL/T448-2016 8.3		2023-10-23
		2	Electricity meter on-site inspection	Inspection regulation of electric energy metering device on-site installation DL/T1664-2016 4	Limitation: Only operate at ambient temperatures of -10℃~45℃	2023-10-23
		3	Voltage transformer On-site inspection	Inspection regulation of electric energy metering device on-site installation DL/T1664-2016 5		2023-10-23
		4	Current transformer On-site inspection	Inspection regulation of electric energy metering device on-site installation DL/T1664-2016 6		2023-10-23
		5	Secondary circuit On-site inspection	Inspection regulation of electric energy metering device on-site installation DL/T1664-2016 7	Limited to 220kV	2023-10-23
6	Electric Vehicle AC Charging Spot	1	Normal inspection	Inspection and test specifications for electric vehicle charging equipment Part 2:A.C.charging spot NB/T33008.2-2018 5.2		2023-10-23
		2	Meter marking	Specification for electric vehicle AC charging spot NB/T33002-2018 8.1		2023-10-23
		3	insulation resistance	Specification for electric vehicle AC charging spot NB/T33002-2018 7.6.1		2023-10-23
				Inspection and test specifications for electric vehicle charging		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
				equipment Part 2:A.C.charging spot NB/T33008.2-2018 5.11.1		
		4	Dielectric strength	Specification for electric vehicle AC charging spot NB/T33002-2018 7.6.2		2023-10-23
				Inspection and test specifications for electric vehicle charging equipment Part 2:A.C.charging spot NB/T33008.2-2018 5.11.2		2023-10-23
		5	impulse withstand voltage	Specification for electric vehicle AC charging spot NB/T33002-2018 7.6.3		2023-10-23
				Inspection and test specifications for electric vehicle charging equipment Part 2:A.C.charging spot NB/T33008.2-2018 5.11.3		2023-10-23
		6	Tests of accuracy requirements	Electric energy metering for electric vehicle AC charging spot GB/T28569-2012 5.1.1	Excluding electromagnetic compatibility （EMC）	2023-10-23
		7	Tests of electrical requirements	Electric energy metering for electric vehicle AC charging spot GB/T28569-2012 5.1.4	Excluding electromagnetic compatibility （EMC）	2023-10-23
		8	Function requirements	Electric energy metering for electric vehicle AC charging spot GB/T28569-2012 5.1.5		2023-10-23
		9	Grounding test	Inspection and test specifications for electric vehicle charging equipment Part 2:A.C.charging spot NB/T33008.2-2018 5.12		2023-10-23
7	Insulating Stick(Rod)	1	Withstanding Voltage test	Preventive test code of tools,devices and equipment for live working DL/T976-2017 5.1.2	Accredited only for: Voltage rating:	2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
					≤250kV	
				Preventive test code of electric safety tools and devices DL/T 1476-2023 5.2.1.2 (table 11, 12)	Accredited only for: Voltage rating: ≤250kV	2024-09-29
8	Grounding Wire	1	Group DC resistance test	Preventive test code of tools,devices and equipment for live working DL/T976-2017 9.3.2.2 表 26		2023-10-23
				Preventive test code of electric safety tools and devices DL/T 1476-2023 5.2.3 (table 16)		2024-09-29
		2	Withstanding Voltage test	Preventive test code of tools,devices and equipment for live working DL/T976-2017 9.3.2.2		2023-10-23
				Preventive test code of electric safety tools and devices DL/T 1476-2023 5.2.3 (table 17)		2024-09-29
9	Protection grounding Wire	1	Resistance	Preventive test code of electric safety tools and devices DL/T 1476-2023 5.1.9.2 (table 9)		2024-09-29
10	Phase Detector	1	Wire Withstanding Voltage test	Safety code of electric power industry -Electric part of power plants and transformer substation GB26860-2011 6.2.4		2023-10-23
				Preventive test code of tools,devices and equipment for live working DL/T976-2017 8.1		2023-10-23
				Preventive test code of electric safety tools and devices DL/T 1476-2023 5.2.5.2 (table 22)		2024-09-29
		2	Withstanding Voltage test	Safety code of electric power industry -Electric part of power plants and transformer substation GB26860-2011 6.3		2023-10-23
				Preventive test code of tools,devices and equipment for live working DL/T976-2017 8.1		2023-10-23
				Preventive test code of electric safety tools and devices DL/T 1476-2023 5.2.5.2 (table 21)		2024-09-29

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		3	Leakage Current test	Safety code of electric power industry -Electric part of power plants and transformer substation GB26860-2011 8.5		2023-10-23
				Preventive test code of tools,devices and equipment for live working DL/T976-2017 8.1		2023-10-23
				Preventive test code of electric safety tools and devices DL/T 1476-2023 5.2.5.2 (table 23)		2024-09-29
		4	Action Voltage	Safety code of electric power industry -Electric part of power plants and transformer substation GB26860-2011 6.3		2023-10-23
				Preventive test code of tools,devices and equipment for live working DL/T976-2017 8.1		2023-10-23
				Preventive test code of electric safety tools and devices DL/T 1476-2023 5.2.5.2 (table 20)		2024-09-29
11	Voltage Detector(Electroscope)	1	Action Voltage	Preventive test code of electric safety tools and devices DL/T 1476-2023 5.2.4.2 (table 19)	Accredited only for: Voltage rating: ≤250kV	2024-09-29
		2	Withstanding Voltage test	Preventive test code of tools,devices and equipment for live-working DL/T976-2017 8.2.2.2	Accredited only for: Voltage rating: ≤250kV	2023-10-23
				Preventive test code of tools,devices and equipment for live working DL/T 1476-2023 5.2.4.2 (table 19)	Accredited only for: Voltage rating: ≤250kV	2024-09-29
12	Insulating Glove	1	Withstanding Voltage test	Preventive test code of tools,devices and equipment for live working DL/T976-2017 7.1.2.2 表 19		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
				Preventive test code of electric safety tools and devices DL/T 1476-2023 5.3.1.2 (table 27)		2024-09-29
13	Insulating Boots	1	Withstanding Voltage test	Preventive test code of tools,devices and equipment for live working DL/T976-2017 7.4		2023-10-23
				Preventive test code of electric safety tools and devices DL/T 1476-2023 5.3.2.2 (tabel 28)		2024-09-29
				Foot protection — Safety footwear GB 21148-2020 6.4.3 表 17		2023-10-23
14	Safety Belt	1	Quiet load test	Preventive test code of electric safety tools and devices DL/T 1476-2023 5.1.2.2 (table 2)		2024-09-29
15	Safety helmet	1	Electrical test	Test method for safety helmet GB/T2812-2006 3.2.2.1.5 4.6		2023-10-23
		2	Impact performance test	Test method for safety helmet GB/T 2812-2006 4.7		2023-10-23
16	Grapplers	1	Quiet load test	Preventive test code of electric safety tools and devices DL/T 1476-2023 5.4.1.2 (table 30)		2024-09-29
17	Lifting plate	1	Quiet load test	Preventive test code of electric safety tools and devices DL/T 1476-2023 5.4.2.2 (table 31)		2024-09-29
18	Hard Ladder	1	Quiet load test	Preventive test code of electric safety tools and devices DL/T 1476-2023 5.4.3.2 (table 32)		2024-09-29
19	Insulating Barrier	1	surface withstanding Voltage test	Preventive test code of electric safety tools and devices DL/T 1476-2023 5.2.7.2 (table 25)		2024-09-29
		2	Withstanding Voltage test	Preventive test code of electric safety tools and devices DL/T 1476-2023 5.2.7.2 (table 25)		2024-09-29
20	Insulating Cover	1	Withstanding Voltage test	Preventive test code of electric safety tools and devices DL/T 1476-2023 5.2.6.2 (table 24)		2024-09-29
21	Insulating Mat	1	Withstanding Voltage test	Matting of insulting material for live working DL/T853-2015 7.4.3		2023-10-23
				Preventive test code of tools,devices and equipment for live working DL/T976-2017 7.7		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
				Preventive test code of electric safety tools and devices DL/T 1476-2023 5.3.3.2 (table 29)		2024-09-29
22	Testing for Anti-static Floor	1	Point to Point Resistance	Test method for electrostatic protection of electronic product manufacturing and application system SJ/T 10694-2022 6.1		2024-05-07
		2	System Resistance	Test method for electrostatic protection of electronic product manufacturing and application system SJ/T 10694-2022 6.1		2024-05-07
		3	System Grounding Resistance	Test method for electrostatic protection of electronic product manufacturing and application system SJ/T 10694-202 6.2		2024-05-07
23	Earthed Resistance Network	1	Earthed Resistance	Code for construction and acceptance of grounding connection electric equipment installation engineering GB 50169-2016 3.8，3.9		2023-10-23
24	Dangerous Goods Transport by Air – Magnetic goods	1	Field Strength	Dangerous goods regulations IATA (66th) : 2025 PI953		2025-01-26
				Technical instructions for the safe transport of dangerous goods by air ICAO 2025-2026 PI953		2025-01-26
25	Reference Ballast	1	Voltage/Current Ratio	Ballasts for tubular fluorescent lamps—Performance requirements GB/T14044-2008 A.2.2		2023-10-23
		2	Power Factor	Ballasts for tubular fluorescent lamps—Performance requirements GB/T14044-2008 A.2.3		2023-10-23
26	walk-through metal detector	1	Exterior appearance	General specifications for walk-through metal detector GB15210-2018 5.1		2023-10-23
		2	Pedestrian passageway	General specifications for walk-through metal detector GB15210-2018 5.2.2		2023-10-23
		3	Keys and control apparatus	General specifications for walk-through metal detector GB15210-2018 5.3.2		2023-10-23
		4	Grounding	General specifications for walk-through metal detector GB15210-2018 5.12 a）		2023-10-23
		5	Insulating resistance	General specifications for walk-through metal detector GB15210-2018 5.12 b）		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		6	Drain current	General specifications for walk-through metal detector GB15210-2018 5.12 c）		2023-10-23
		7	Dielectric strength	General specifications for walk-through metal detector GB15210-2018 5.12 d）		2023-10-23
		8	Passes speed	General specifications for walk-through metal detector GB15210-2018 5.7.3		2023-10-23
		9	Tally function	General specifications for walk-through metal detector GB15210-2018 5.7.6		2023-10-23
		10	Alarm instruction	General specifications for walk-through metal detector GB15210-2018 5.8.1	Accredited only for tocsin and state revert	2023-10-23
		11	Detection sensitivity range	General specifications for walk-through metal detector GB15210-2018 5.7.1		2023-10-23
27	hand-held metal detector	1	Exterior appearance	General specifications for hand-held metal detector GB12899-2018 4.1		2023-10-23
		2	Operate and control apparatus	General specifications for hand-held metal detector GB12899-2018 4.3		2023-10-23
		3	Power supply source	General specifications for hand-held metal detector GB12899-2018 4.4		2023-10-23
		4	Detectivity	General specifications for hand-held metal detector GB12899-2018 4.5		2023-10-23
		5	velocity of movement	General specifications for hand-held metal detector GB12899-2018 4.6.3		2023-10-23
		6	Audible alarm	General specifications for hand-held metal detector GB12899-2018 4.7.1		2023-10-23
28	Power Quality Analyzer	1	Voltage deviation	General requirements for monitoring equipment of power quality GB/T 19862-2016 6.3.1		2023-10-23
				Verification coad for power quality analyzer DLT1028-2006 9.3.1		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		2	Frequency Deviation	General requirements for monitoring equipment of power quality GB/T 19862-2016 6.3.1		2023-10-23
				Verification coad for power quality analyzer DLT1028-2006 10.3.1		2023-10-23
		3	imbalance of Three-phase	General requirements for monitoring equipment of power quality GB/T 19862-2016 6.3.1		2023-10-23
				Verification coad for power quality analyzer DLT1028-2006 14.3.1		2023-10-23
		4	Harmonic Voltage	General requirements for monitoring equipment of power quality GB/T 19862-2016 6.3.1		2023-10-23
				Verification coad for power quality analyzer DLT1028-2006 11.3.1		2023-10-23
		5	Harmonic Current	General requirements for monitoring equipment of power quality GB/T 19862-2016 6.3.2		2023-10-23
				Verification coad for power quality analyzer DLT1028-2006 11.3.1		2023-10-23
		6	Flicker	General requirements for monitoring equipment of power quality GB/T 19862-2016 6.3.1		2023-10-23
				Verification coad for power quality analyzer DLT1028-2006 13.3.1		2023-10-23
29	Direct acting analogue electrical measuring instruments	1	Intrinsic error test	Direct acting indicating analogue electrical measuring instruments and their accessories GB/T7676.9-2017 5.2,1		2023-10-23
				Direct acting indicating analogue electrical measuring instruments and their accessories GB/T7676.9-2017 5.3.1		2023-10-23
				Direct acting indicating analogue electrical measuring instruments and their accessories GB/T7676.9-2017 5.4.1、5.5.1		2023-10-23
				Direct acting indicating analogue electrical measuring instruments and their accessories GB/T7676.9-2017 5.6.1、5.7.1		2023-10-23
				Direct acting indicating analogue electrical measuring instruments and their accessories GB/T7676.9-2017 5.8.1		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		2	Temperature influence test	Direct acting indicating analogue electrical measuring instruments and their accessories GB/T7676.9-2017 6.2.1.1		2023-10-23
		3	Humidity influence test	Direct acting indicating analogue electrical measuring instruments and their accessories GB/T7676.9-2017 6.3.1		2023-10-23
		4	Frequency influence test	Direct acting indicating analogue electrical measuring instruments and their accessories GB/T7676.9-2017 6.9.1.1		2023-10-23
				Direct acting indicating analogue electrical measuring instruments and their accessories GB/T7676.9-2017 6.9.2.1		2023-10-23
		5	Response time test	Direct acting indicating analogue electrical measuring instruments and their accessories GB/T7676.9-2017 8.5.1.1、8.5.1.2		2023-10-23
		6	Self-heating test	Direct acting indicating analogue electrical measuring instruments and their accessories GB/T7676.9-2017 6.20.1		2023-10-23
		7	Continuous over load test	Direct acting indicating analogue electrical measuring instruments and their accessories GB/T7676.9-2017 8.23.1、8.23.2		2023-10-23
		8	Temporary over-load test	Direct acting indicating analogue electrical measuring instruments and their accessories GB/T7676.9-2017 8.21.1		2023-10-23
		9	Deviation from zero test	Direct acting indicating analogue electrical measuring instruments and their accessories GB/T7676.9-2017 8.7.1		2023-10-23
		10	Vibration and shock test	Direct acting indicating analogue electrical measuring instruments and their accessories GB/T7676.9-2017 8.25.1		2023-10-23
30	Secondary cells and batteries containing alkaline or other non-acid electrolytes-Lithium	1	Vibration	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications – Part 2: Lithium systems IEC 62133-2:2017+AMD1:2021 7.3.8.1		2023-10-23
		2	Mechanical shock (crash hazard)	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells, and for batteries made from them, for use in		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
	systems			portable applications – Part 2: Lithium systems IEC 62133-2:2017+AMD1:2021 7.3.8.2		
		3	Continuous charging at constant voltage (cells)	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications – Part 2: Lithium systems IEC 62133-2:2017+AMD1:2021 7.2.1		2023-10-23
		4	Moulded case stress at high ambient temperature (battery)	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications – Part 2: Lithium systems IEC 62133-2:2017+AMD1:2021 7.2.2		2023-10-23
		5	External short circuit（cell）	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications – Part 2: Lithium systems IEC 62133-2:2017+AMD1:2021 7.3.1		2023-10-23
		6	External short circuit (battery)	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications – Part 2: Lithium systems IEC 62133-2:2017+AMD1:2021 7.3.2		2023-10-23
		7	Free fall	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications – Part 2: Lithium systems IEC 62133-2:2017+AMD1:2021 7.3.3		2023-10-23
		8	Thermal abuse (cells)	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells, and for batteries made from them, for use in		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
				portable applications – Part 2: Lithium systems IEC 62133-2:2017+AMD1:2021 7.3.4		
		9	Crush（cells）	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications – Part 2: Lithium systems IEC 62133-2:2017+AMD1:2021 7.3.5		2023-10-23
		10	Overcharge of battery	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications – Part 2: Lithium systems IEC 62133-2:2017+AMD1:2021 7.3.6		2023-10-23
		11	Forced discharge（cells）	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications – Part 2: Lithium systems IEC 62133-2:2017+AMD1:2021 7.8.7		2023-10-23
		12	Information for safety	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications – Part 2: Lithium systems IEC 62133-2:2017+AMD1:2021 8		2023-10-23
		13	Marking	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications – Part 2: Lithium systems IEC 62133-2:2017+AMD1:2021 9		2023-10-23
31	Secondary lithium cells and batteries	1	Cell designation and marking	Secondary cells and batteries containing alkaline or other non-acid electrolytes - Secondary lithium cells and batteries for portable applications - Part 3: Prismatic and cylindrical lithium		2023-10-23

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		№	Item/ Parameter			
				secondary cells, and batteries made from them IEC 61960-3:2017 5		
		2	Discharge performance at 20 °C (rated capacity)	Secondary cells and batteries containing alkaline or other non-acid electrolytes - Secondary lithium cells and batteries for portable applications - Part 3: Prismatic and cylindrical lithium secondary cells, and batteries made from them IEC 61960-3:2017 7.3.1		2023-10-23
		3	Discharge performance at –20 °C	Secondary cells and batteries containing alkaline or other non-acid electrolytes - Secondary lithium cells and batteries for portable applications - Part 3: Prismatic and cylindrical lithium secondary cells, and batteries made from them IEC 61960-3:2017 7.3.2		2023-10-23
		4	High rate discharge performance at 20 °C	Secondary cells and batteries containing alkaline or other non-acid electrolytes - Secondary lithium cells and batteries for portable applications - Part 3: Prismatic and cylindrical lithium secondary cells, and batteries made from them IEC 61960-3:2017 7.3.3		2023-10-23
		5	Charge (capacity) retention and recovery	Secondary cells and batteries containing alkaline or other non-acid electrolytes - Secondary lithium cells and batteries for portable applications - Part 3: Prismatic and cylindrical lithium secondary cells, and batteries made from them IEC 61960-3:2017 7.4		2023-10-23
		6	Charge (capacity) recovery after long term storage	Secondary cells and batteries containing alkaline or other non-acid electrolytes - Secondary lithium cells and batteries for portable applications - Part 3: Prismatic and cylindrical lithium secondary cells, and batteries made from them IEC 61960-3:2017 7.5		2023-10-23
		7	Endurance in cycles	Secondary cells and batteries containing alkaline or other non-acid electrolytes - Secondary lithium cells and batteries for portable applications - Part 3: Prismatic and cylindrical lithium		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
				secondary cells, and batteries made from them IEC 61960-3:2017 7.6		
		8	Battery internal resistance	Secondary cells and batteries containing alkaline or other non-acid electrolytes - Secondary lithium cells and batteries for portable applications - Part 3: Prismatic and cylindrical lithium secondary cells, and batteries made from them IEC 61960-3:2017 7.7		2023-10-23
		9	Electrostatic discharge	Secondary cells and batteries containing alkaline or other non-acid electrolytes - Secondary lithium cells and batteries for portable applications - Part 3: Prismatic and cylindrical lithium secondary cells, and batteries made from them IEC 61960-3:2017 7.8	Conduct testing at location B(Dongguan)	2023-10-23
32	lithium cells and batteries	1	Altitude	Safety of primary and secondary lithium cells and batteries during transport IEC 62281：2023 6.4.1	Accredited only for samples with a size of 38cm×25cm×38cm（Length×Width×Height）below	2025-01-26
				Tests for lithium batteries transported by air MH/T1052-2013 4.3.2	Accredited only for samples with a size of 38cm×25cm×38cm（Length×	2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
					Width×Height）below	
		2	Thermal cycling	Safety of primary and secondary lithium cells and batteries during transport IEC 62281：2023 6.4.2	Accredited only for samples with a size of 38cm×25cm×38cm（Length×Width×Height）below	2025-01-26
				Tests for lithium batteries transported by air MH/T1052-2013 4.3.3	Accredited only for samples with a size of 38cm×25cm×38cm（Length×Width×Height）below	2023-10-23
		3	Vibration	Safety of primary and secondary lithium cells and batteries during transport IEC 62281：2023 6.4.3	Accredited only for samples with a size of 38cm×25cm×38cm（Length×	2025-01-26

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
					Width×Height）below	
				Tests for lithium batteries transported by air 4.3.4 MH/T1052-2013	Accredited only for samples with a size of 38cm×25cm×38cm（Length×Width×Height）below	2023-10-23
		4	Shock	Safety of primary and secondary lithium cells and batteries during transport IEC 62281：2023 6.4.4	Accredited only for samples with a size of 38cm×25cm×38cm（Length×Width×Height）below	2025-01-26
				Tests for lithium batteries transported by air 4.3.5 MH/T1052-2013	Accredited only for samples with a size of 38cm×25cm×38cm（Length×	2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
					Width×Height）below	
		5	External short-circuit	Safety of primary and secondary lithium cells and batteries during transport IEC 62281：2023 6.4.5	Accredited only for samples with a size of 38cm×25cm×38cm（Length×Width×Height）below	2025-01-26
				Tests for lithium batteries transported by air MH/T1052-2013 4.3.6	Accredited only for samples with a size of 38cm×25cm×38cm（Length×Width×Height）below	2023-10-23
		6	Impact/crush	Safety of primary and secondary lithium cells and batteries during transport IEC 62281：2023 6.4.6	Accredited only for samples with a size of 38cm×25cm×38cm（Length×	2025-01-26

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
					Width×Height）below	
				Tests for lithium batteries transported by air 4.3.7 MH/T1052-2013	Accredited only for samples with a size of 38cm×25cm×38cm（Length×Width×Height）below	2023-10-23
		7	Overcharge	Safety of primary and secondary lithium cells and batteries during transport IEC 62281：2023 6.5.1	Accredited only for samples with a size of 38cm×25cm×38cm（Length×Width×Height）below	2025-01-26
				Tests for lithium batteries transported by air 4.3.8 MH/T1052-2013	Accredited only for samples with a size of 38cm×25cm×38cm（Length×	2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
					Width×Height）below	
		8	Forced discharge	Safety of primary and secondary lithium cells and batteries during transport IEC 62281：2024 6.5.2	Accredited only for samples with a size of 38cm×25cm×38cm（Length×Width×Height）below	2025-01-26
				Tests for lithium batteries transported by air MH/T1052-2013 4.3.9	Accredited only for samples with a size of 38cm×25cm×38cm（Length×Width×Height）below	2023-10-23
		9	Drop test	Safety of primary and secondary lithium cells and batteries during transport IEC 62281：2023 6.6	Accredited only for samples with a size of 38cm×25cm×38cm（Length×	2025-01-26

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
					Width×Height）below	
				Tests for lithium batteries transported by air MH/T1052-2013 5	Accredited only for samples with a size of 38cm×25cm×38cm（Length×Width×Height）below	2023-10-23
33	Packages containing lithium batteries	1	Drop test	Dangerous goods - Test method for drop of packaging GB/T 21599-2008 5.5		2023-10-23
34	primary and secondary lithium cells and batteries	1	Altitude	Safety of primary and secondary lithium cells and batteries during transport GB 21966-2008 6.4.1	Accredited only for samples with a size of 38cm×25cm×38cm（Length×Width×Height）below	2023-10-23
		2	Thermal cycling	Safety of primary and secondary lithium cells and batteries during transport GB 21966-2008 6.4.2	Accredited only for samples with a size	2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
					of 38cm×25cm×38cm（Length×Width×Height）below	
		3	Vibration	Safety of primary and secondary lithium cells and batteries during transport GB 21966-2008 6.4.3	Accredited only for samples with a size of 38cm×25cm×38cm（Length×Width×Height）below	2023-10-23
		4	Shock	Safety of primary and secondary lithium cells and batteries during transport GB 21966-2008 6.4.4	Accredited only for samples with a size of 38cm×25cm×38cm（Length×Width×Height）below	2023-10-23
		5	External short-circuit	Safety of primary and secondary lithium cells and batteries during transport GB 21966-2008 6.4.5	Accredited only for samples with a size	2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
					of 38cm×25cm×38cm（Length×Width×Height）below	
		6	Impact	Safety of primary and secondary lithium cells and batteries during transport GB 21966-2008 6.4.6	Accredited only for samples with a size of 38cm×25cm×38cm（Length×Width×Height）below	2023-10-23
		7	Overcharge	Safety of primary and secondary lithium cells and batteries during transport GB 21966-2008 6.5.1	Accredited only for samples with a size of 38cm×25cm×38cm（Length×Width×Height）below	2023-10-23
		8	Forced discharge	Safety of primary and secondary lithium cells and batteries during transport GB 21966-2008 6.5.2	Accredited only for samples with a size	2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
					of 38cm×25cm×38cm（Length×Width×Height）below	
		9	Packing test	Safety of primary and secondary lithium cells and batteries during transport GB 21966-2008 6.6.1	Accredited only for samples with a size of 38cm×25cm×38cm（Length×Width×Height）below	2023-10-23
35	lithium batteries	1	Altitude, Extreme temperature and Short circuit test	Safety code for inspection of hazardous properties for dangerous goods of lithium batteries GB 19521.11-2005 5.1	Accredited only for samples with a size of 38cm×25cm×38cm（Length×Width×Height）below	2023-10-23
		2	Vibration, Shock and Short circuit test	Safety code for inspection of hazardous properties for dangerous goods of lithium batteries GB 19521.11-2005 5.2	Accredited only for samples with a size	2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
					of 38cm×25cm×38cm（Length×Width×Height）below	
		3	Vibration, Shock and Charge test	Safety code for inspection of hazardous properties for dangerous goods of lithium batteries GB 19521.11-2005 5.3	Accredited only for samples with a size of 38cm×25cm×38cm（Length×Width×Height）below	2023-10-23
		4	Internal short circuit test	Safety code for inspection of hazardous properties for dangerous goods of lithium batteries GB 19521.11-2005 5.4	Accredited only for samples with a size of 38cm×25cm×38cm（Length×Width×Height）below	2023-10-23
		5	Vibration, Shock and Low capacity battery test	Safety code for inspection of hazardous properties for dangerous goods of lithium batteries GB 19521.11-2005 5.5	Accredited only for samples with a size	2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
					of 38cm×25cm×38cm（Length×Width×Height）below	
		6	Forced discharge	Safety code for inspection of hazardous properties for dangerous goods of lithium batteries GB 19521.11-2005 5.6	Accredited only for samples with a size of 38cm×25cm×38cm（Length×Width×Height）below	2023-10-23
36	lithium-ion cells and batteries for mobile phone	1	0.2I_tA Discharge	General specification of lithium-ion cells and batteries for mobile phone GB/T 18287-2013 4.2.1		2023-10-23
		2	Rate Discharge	General specification of lithium-ion cells and batteries for mobile phone GB/T 18287-2013 4.2.2		2023-10-23
		3	High temperature Discharge	General specification of lithium-ion cells and batteries for mobile phone GB/T 18287-2013 4.2.3		2023-10-23
		4	Low temperature Discharge	General specification of lithium-ion cells and batteries for mobile phone GB/T 18287-2013 4.2.4		2023-10-23
		5	Charge Retention and Recovery Capacity	General specification of lithium-ion cells and batteries for mobile phone GB/T 18287-2013 4.2.5		2023-10-23
		6	Storage Performance	General specification of lithium-ion cells and batteries for mobile phone GB/T 18287-2013 4.2.6		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		7	Cycle Llife	General specification of lithium-ion cells and batteries for mobile phone GB/T 18287-2013 4.2.7		2023-10-23
		8	Internal resistance	General specification of lithium-ion cells and batteries for mobile phone GB/T 18287-2013 4.2.8		2023-10-23
		9	Electrostatic discharge	General specification of lithium-ion cells and batteries for mobile phone GB/T 18287-2013 4.3.1	Conduct testing at location B(Donggua n)	2023-10-23
		10	steady damp heat	General specification of lithium-ion cells and batteries for mobile phone GB/T 18287-2013 4.3.2	Conduct testing at location B(Donggua n)	2023-10-23
		11	vibration	General specification of lithium-ion cells and batteries for mobile phone GB/T 18287-2013 4.3.3		2023-10-23
		12	Free fall	General specification of lithium-ion cells and batteries for mobile phone GB/T 18287-2013 4.3.4		2023-10-23
		13	Depression	General specification of lithium-ion cells and batteries for mobile phone GB/T 18287-2013 4.3.5		2023-10-23
		14	High temperature molding shell stress	General specification of lithium-ion cells and batteries for mobile phone GB/T 18287-2013 4.3.6		2023-10-23
		15	Over charging protection	General specification of lithium-ion cells and batteries for mobile phone GB/T 18287-2013 4.4.1		2023-10-23
		16	Over discharge protection	General specification of lithium-ion cells and batteries for mobile phone GB/T 18287-2013 4.4.2		2023-10-23
		17	Short circuit protection	General specification of lithium-ion cells and batteries for mobile phone GB/T 18287-2013 4.4.3		2023-10-23
		18	Heavy shock	General specification of lithium-ion cells and batteries for mobile phone GB/T 18287-2013 4.5.1		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		19	Thermal abuse	General specification of lithium-ion cells and batteries for mobile phone GB/T 18287-2013 4.5.2		2023-10-23
		20	overcharge	General specification of lithium-ion cells and batteries for mobile phone GB/T 18287-2013 4.5.3		2023-10-23
		21	forced discharge	General specification of lithium-ion cells and batteries for mobile phone GB/T 18287-2013 4.5.4		2023-10-23
		22	short circuit	General specification of lithium-ion cells and batteries for mobile phone GB/T 18287-2013 4.5.5		2023-10-23
		23	mechanical shock	General specification of lithium-ion cells and batteries for mobile phone GB/T 18287-2013 4.5.6		2023-10-23
		24	Temperature cycle	General specification of lithium-ion cells and batteries for mobile phone GB/T 18287-2013 4.5.7		2023-10-23
37	Lithium metal and lithium ion batteries	1	Altitude	Recommendations on the transport of dangerous goods / Manual of tests and criteria ST/SG/AC.10/11/Rev7:2019+A1:2021 38.3.4.1	Accredited only for samples with a size of 38cm×25cm×38cm（Length×Width×Height）below	2023-10-23
		2	Thermal cycling	Recommendations on the transport of dangerous goods / Manual of tests and criteria ST/SG/AC.10/11/Rev7:2019+A1:2021 38.3.4.2	Accredited only for samples with a size of 38cm×25cm×38cm（Length×	2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
					Width×Height）below	
		3	Vibration	Recommendations on the transport of dangerous goods / Manual of tests and criteria ST/SG/AC.10/11/Rev7:2019+A1:2021 38.3.4.3	Accredited only for samples with a size of 38cm×25cm×38cm（Length×Width×Height）below	2023-10-23
		4	Shock	Recommendations on the transport of dangerous goods / Manual of tests and criteria ST/SG/AC.10/11/Rev7:2019+A1:2021 38.3.4.4	Accredited only for samples with a size of 38cm×25cm×38cm（Length×Width×Height）below	2023-10-23
		5	External short-circuit	Recommendations on the transport of dangerous goods / Manual of tests and criteria ST/SG/AC.10/11/Rev7:2019+A1:2021 38.3.4.5	Accredited only for samples with a size of 38cm×25cm×38cm（Length×	2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
					Width×Height）below	
		6	Impact/Crush	Recommendations on the transport of dangerous goods / Manual of tests and criteria ST/SG/AC.10/11/Rev7:2019+A1:2021 38.3.4.6	Accredited only for samples with a size of 38cm×25cm×38cm（Length×Width×Height）below	2023-10-23
		7	Over discharge	Recommendations on the transport of dangerous goods / Manual of tests and criteria ST/SG/AC.10/11/Rev7:2019+A1:2021 38.3.4.7	Accredited only for samples with a size of 38cm×25cm×38cm（Length×Width×Height）below	2023-10-23
		8	Forced discharge	Recommendations on the transport of dangerous goods / Manual of tests and criteria ST/SG/AC.10/11/Rev7:2019+A1:2021 38.3.4.8	Accredited only for samples with a size of 38cm×25cm×38cm（Length×	2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
					Width×Height）below	
		9	1.2 m drop test	Dangerous goods regulations IATA (66th) : 2025 PI965,PI966,PI968,PI969		2025-01-26
				Technical instructions for the safe transport of dangerous goods by air ICAO 2025-2026 PI965,PI966,PI968,PI969		2025-01-26
				Recommendations on the Transport of Dangerous Goods / Model Regulations ST/SG/AC.10/1/Rev.22:2021 Chapter 3.3, Special Provision 188		2023-10-23
				International Maritime Dangerous Goods Code IMDG Code 42：2024 Chapter 3.3, Special Provision 188		2025-01-26
38	Lithium primary batteries	1	Altitude	Primary batteries - Part 4: Safety of lithium batteries GB 8897.4-2008 6.4.1		2023-10-23
				Primary batteries - Part 4: Safety of lithium batteries IEC 60086-4:2019 6.4.1		2023-10-23
		2	Thermal cycling	Primary batteries - Part 4: Safety of lithium batteries GB 8897.4-2008 6.4.2		2023-10-23
				Primary batteries - Part 4: Safety of lithium batteries IEC 60086-4:2019 6.4.2		2023-10-23
		3	Vibration	Primary batteries - Part 4: Safety of lithium batteries GB 8897.4-2008 6.4.3		2023-10-23
				Primary batteries - Part 4: Safety of lithium batteries IEC 60086-4:2019 6.4.3		2023-10-23
		4	Shock	Primary batteries - Part 4: Safety of lithium batteries GB 8897.4-2008 6.4.4		2023-10-23
				Primary batteries - Part 4: Safety of lithium batteries IEC 60086-4:2019 6.4.4		2023-10-23
		5	External short-circuit	Primary batteries - Part 4: Safety of lithium batteries GB 8897.4-2008 6.5.1		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
				Primary batteries - Part 4: Safety of lithium batteries IEC 60086-4:2019 6.5.1		2023-10-23
		6	Impact	Primary batteries - Part 4: Safety of lithium batteries GB 8897.4-2008 6.5.2		2023-10-23
				Primary batteries - Part 4: Safety of lithium batteries IEC 60086-4:2019 6.5.2		2023-10-23
		7	Crush	Primary batteries - Part 4: Safety of lithium batteries GB 8897.4-2008 6.5.3		2023-10-23
				Primary batteries - Part 4: Safety of lithium batteries IEC 60086-4:2019 6.5.3		2023-10-23
		8	Forced discharge	Primary batteries - Part 4: Safety of lithium batteries GB 8897.4-2008 6.5.4		2023-10-23
				Primary batteries - Part 4: Safety of lithium batteries IEC 60086-4:2019 6.5.4		2023-10-23
		9	Abnormal charging	Primary batteries - Part 4: Safety of lithium batteries GB 8897.4-2008 6.5.5		2023-10-23
				Primary batteries - Part 4: Safety of lithium batteries IEC 60086-4:2019 6.5.5		2023-10-23
		10	Free fall	Primary batteries - Part 4: Safety of lithium batteries GB 8897.4-2008 6.5.6		2023-10-23
				Primary batteries - Part 4: Safety of lithium batteries IEC 60086-4:2019 6.5.6		2023-10-23
		11	Thermal abuse	Primary batteries - Part 4: Safety of lithium batteries GB 8897.4-2008 6.5.7		2023-10-23
				Primary batteries - Part 4: Safety of lithium batteries IEC 60086-4:2019 6.5.7		2023-10-23
		12	Incorrect installation	Primary batteries - Part 4: Safety of lithium batteries GB 8897.4-2008 6.5.8		2023-10-23
				Primary batteries - Part 4: Safety of lithium batteries IEC 60086-4:2019 6.5.8		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		13	Over discharge	Primary batteries - Part 4: Safety of lithium batteries GB 8897.4-2008 6.5.9		2023-10-23
				Primary batteries - Part 4: Safety of lithium batteries IEC 60086-4:2019 6.5.9		2023-10-23
39	Magnetized Material	1	Magnetic Field Strength	Permanent magnet(magnetically hard)materials—Methods of measurement of magnetic properties GB/T 3217-2013 9		2023-10-23
40	Current transformers	1	Terminal sign test	Instrument transformers—Part 2:Additional requirements for current transformers GB20840.2-2014 7.2.2	Measurement only: Um < 550kV current transformer	2023-10-23
				Instrument transformers—Part 1: General technical requirements GB20840.1-2010 7.2.2	Measurement only: Um < 550kV current transformer	2023-10-23
		2	Terminal sign test	Instrument transformers—Part 1: General technical requirements GB20840.1-2010 7.3.8		2023-10-23
		3	The primary winding frequency voltage withstand test	Instrument transformers—Part 2:Additional requirements for current transformers GB20840.2-2014 7.3.2		2023-10-23
				Instrument transformers—Part 1: General technical requirements GB20840.1-2010 7.3.2		2023-10-23
		4	Secondary winding frequency voltage withstand test	Instrument transformers—Part 1: General technical requirements GB20840.1-2010 7.3.6		2023-10-23
		5	Frequency voltage withstand test between windings	Instrument transformers—Part 1: General technical requirements GB20840.1-2010 7.3.5		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		6	Inter-turn over voltage test	Instrument transformers—Part 2:Additional requirements for current transformers GB20840.2-2014 7.3.204 Program A		2023-10-23
		7	ratio error and phase displacement of Instrument transformers	Instrument transformers—Part 2: Additional requirements for current transformers GB/T 20840.2-2014 7.2.6.201 , 7.3.7.201		2023-10-23
		8	ratio error and phase displacement of protective current transformers for grade P and grade PR	Instrument transformers—Part 2: Additional requirements for current transformers GB/T 20840.2-2014 7.3.7.202		2023-10-23
		9	composite error of protective current transformers for grade P and grade PR	Instrument transformers—Part 2: Additional requirements for current transformers GB/T 20840.2-2014 7.2.6.203 ,7.3.7.203		2023-10-23
		10	instrument security factor of instrument transformers	Instrument transformers—Part 2: Additional requirements for current transformers GB/T 20840.2-2014 7.2.6.202		2023-10-23
41	Inductive voltage transformers	1	Temperature rise test	Instrument transformers—Part 3:Additional requirements for inductive voltage transformers GB 20840.3-2013 7.2.2		2023-10-23
				Instrument transformers—Part 1: General technical requirements GB20840.1-2010 7.2.2		2023-10-23
		2	Terminal sign test	Instrument transformers—Part 1: General technical requirements GB20840.1-2010 7.3.8		2023-10-23
		3	The primary winding frequency voltage withstand test	Instrument transformers—Part 3:Additional requirements for inductive voltage transformers GB 20840.3-2013 7.3.2		2023-10-23
				Instrument transformers—Part 1: General technical requirements GB20840.1-2010 7.3.2		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		4	Secondary winding frequency voltage withstand test	Instrument transformers—Part 1: General technical requirements GB20840.1-2010 7.3.6		2023-10-23
		5	Frequency voltage withstand test between windings	Instrument transformers—Part 1: General technical requirements GB20840.1-2010 7.3.5		2023-10-23
		6	Excitation characteristics	Instrument transformers—Part 3:Additional requirements for inductive voltage transformers GB 20840.3-2013 7.3.301		2023-10-23
		7	Measurement of error	Instrument transformers—Part 3:Additional requirements for inductive voltage transformers GB 20840.3-2013 7.2.6,7.3.7		2023-10-23
				Instrument transformers—Part 1: General technical requirements GB20840.1-2010 7.2.6,7.3.7		2023-10-23
42	Combined instrument transformers	1	Temperature rise test	Instrument transformers—Part 4:Additional requirements for combined transformers GB 20840.4-2015 7.2.2		2023-10-23
				Instrument transformers—Part 1: General technical requirements GB20840.1-2010 7.2.2		2023-10-23
		2	Voltage transformers excitation characteristics	Instrument transformers—Part 3: Additional requirements for inductive voltage transformers GB20840.3-2013 7.3.301		2023-10-23
		3	Terminal sign test	Instrument transformers—Part 1: General technical requirements GB20840.1-2010 7.3.8		2023-10-23
		4	The primary winding frequency voltage withstand test	Instrument transformers—Part 4:Additional requirements for combined transformers GB 20840.4-2015 7.3.2		2023-10-23
				Instrument transformers—Part 1: General technical requirements GB20840.1-2010 7.3.2		2023-10-23
		5	Secondary winding frequency voltage withstand test	Instrument transformers—Part 1: General technical requirements GB20840.1-2010 7.3.6		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		6	Frequency voltage withstand test between windings	Instrument transformers—Part 1: General technical requirements GB20840.1-2010 7.3.5		2023-10-23
		7	Inter-turn over voltage test	Instrument transformers—Part 2:Additional requirements for current transformers GB20840.2-2014 7.3.204 Program A		2023-10-23
		8	Measurement of error	Instrument transformers—Part 4:Additional requirements for combined transformers GB 20840.4-2015 7.2.6,7.3.7		2023-10-23
				Instrument transformers—Part 1: General technical requirements GB20840.1-2010 7.2.6,7.3.7		2023-10-23
43	Instrument current transformer	1	Measurement of Insulation resistance	Instrument current transformers JB/T 5472-2022 7.4		2023-10-23
		2	Accuracy test	Instrument current transformers JB/T 5472-2022 7.6		2023-10-23
		3	Temperature rise test	Instrument current transformers JB/T 5472-2022 7.9		2023-10-23
		4	Damp heat test	Instrument current transformers JB/T 5472-2022 7.11		2023-10-23
		5	Inspection of winding polarity	Instrument current transformers JB/T 5472-2022 7.6.2		2023-10-23
		6	Withstanding power frequency test	Instrument current transformers JB/T 5472-2022 7.5.1		2023-10-23
		7	Winding inter-turn insulation test	Instrument current transformers JB/T 5472-2022 7.5.2		2023-10-23
		8	Appearance，structure and logo inspection	Instrument current transformers JB/T 5472-2022 7.2.1		2023-10-23
44	Instrument voltage transformer	1	Measurement of Insulation resistance	Instrument voltage transformers JB/T 5473-2022 7.4		2023-10-23
		2	Accuracy test	Instrument voltage transformers JB/T 5473-2022 7.6		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		3	Damp heat test	Instrument voltage transformers JB/T 5473-2022 7.9		2023-10-23
		4	Withstanding power frequency test	Instrument voltage transformers JB/T 5473-2022 7.5.1		2023-10-23
		5	Inspection of winding polarity	Instrument voltage transformers JB/T 5473-2022 7.6.2		2023-10-23
		6	Appearance，structure and logo inspection	Instrument voltage transformers JB/T 5473-2022 7.2.1		2023-10-23
45	Glow-wire Apparatus	1	Glow wire temperature	Fire hazard testing for electric and electronic products-Part 10:Glowing/hot-wire based test methods-Glow-wire apparatus and common test procedure GB/T 5169.10-2017 7.2		2023-10-23
		2	Limited distance	Fire hazard testing for electric and electronic products-Part 10:Glowing/hot-wire based test methods-Glow-wire apparatus and common test procedure GB/T 5169.10-2017 4.1		2023-10-23
		3	Size of the glow wire	Fire hazard testing for electric and electronic products-Part 10:Glowing/hot-wire based test methods-Glow-wire apparatus and common test procedure GB/T 5169.10-2017 4.1		2023-10-23
		4	approach and evacuation speed	Fire hazard testing for electric and electronic products-Part 10:Glowing/hot-wire based test methods-Glow-wire apparatus and common test procedure GB/T 5169.10-2017 7.3		2023-10-23
		5	Temperature measurement system	Fire hazard testing for electric and electronic products-Part 10:Glowing/hot-wire based test methods-Glow-wire apparatus and common test procedure GB/T 5169.10-2017 5.2		2023-10-23
		6	Pressure	Fire hazard testing for electric and electronic products-Part 10:Glowing/hot-wire based test methods-Glow-wire apparatus and common test procedure GB/T 5169.10-2017 4.1		2023-10-23
		7	Contact time	Fire hazard testing for electric and electronic products-Part 10:Glowing/hot-wire based test methods-Glow-wire apparatus and common test procedure GB/T 5169.10-2017 7.3		2023-10-23

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		№	Item/ Parameter			
46	Needle Apparatus	1	Time	Fire hazard testing for electric and electronic products - Part 5: Test flames - Needle test method - Apparatus confirmatory arrangement and guidance GB/T 5169.5-2020 IEC 60695-11-5:2016 7		2023-10-23
47	Dielectric Tester	1	Test voltage	Method for the determination of the proof and the comparative tracking indices of solid insulating materials GB/T 4207-2022 7.2		2023-10-23
		2	Test current	Method for the determination of the proof and the comparative tracking indices of solid insulating materials GB/T 4207-2022 7.2		2023-10-23
		3	Distance between electrodes	Method for the determination of the proof and the comparative tracking indices of solid insulating materials GB/T 4207-2022 7.1		2023-10-23
		4	Drip interval	Method for the determination of the proof and the comparative tracking indices of solid insulating materials GB/T 4207-2022 7.4		2023-10-23
		5	The number of liquid drops	Method for the determination of the proof and the comparative tracking indices of solid insulating materials GB/T 4207-2022 7.4		2023-10-23
		6	50 droplet volume	Method for the determination of the proof and the comparative tracking indices of solid insulating materials GB/T 4207-2022 7.4		2023-10-23
		7	0.5A over current time	Method for the determination of the proof and the comparative tracking indices of solid insulating materials GB/T 4207-2022 7.2		2023-10-23
48	Single small insulated wire or cable vertical flame Burning Tester	1	Metal cover size	Tests on electric and optical fire cables under fire conditions - Part 21:Test for vertical flame propagation for a single small insulated wire or cable - Apparatus GB/T 18380.21-2008IEC 60332-2-1:2004 4.2		2023-10-23
49	Ball pressure Tester	1	Ball diameter	Fire hazard testing for electric and electronic products-Part 21:Abnormal heat-Ball pressure test method GB/T 5169.21-2017 IEC 60695-10-2:2014 5.1		2023-10-23
		2	Ball total pressure	Fire hazard testing for electric and electronic products-Part 21:Abnormal heat-Ball pressure test method GB/T 5169.21-2017 IEC 60695-10-2:2014 5.1		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
50	Earth (continuity) tester	1	Appearance and structure	General specifications for measuring resistance equipments Part 2:power frequency earth resistance testers DL/T845.2-2020 6.3		2023-10-23
				Earth continuity tester GB/T28030-2011 6.2.1		2023-10-23
				General specification of earth continuity tester SJ/T11386-2008 5.2		2023-10-23
		2	Testing frequency	General specifications for measuring resistance equipments Part 2:power frequency earth resistance testers DL/T845.2-2020 5.3		2023-10-23
		3	Testing range	General specifications for measuring resistance equipments Part 2:power frequency earth resistance testers DL/T845.2-2020 6.5		2023-10-23
				Earth continuity tester GB/T28030-2011 6.3		2023-10-23
				General specification of earth continuity tester SJ/T11386-2008 5.7.1.1		2023-10-23
		4	Basic error	General specifications for measuring resistance equipments Part 2:power frequency earth resistance testers DL/T845.2-2020 6.5.2.1		2023-10-23
				Earth continuity tester GB/T28030-2011 6.3.2		2023-10-23
				General specification of earth continuity tester SJ/T11386-2008 5.7.1		2023-10-23
		5	Earth voltage effect	General specifications for measuring resistance equipments Part 2:power frequency earth resistance testers DL/T845.2-2020 6.5.2.4		2023-10-23
		6	Load capacity	General specifications for measuring resistance equipments Part 2:power frequency earth resistance testers DL/T845.2-2020 6.5.4.5		2023-10-23
		7	Indication of source voltage	General specifications for measuring resistance equipments Part 2:power frequency earth resistance testers DL/T845.2-2020 6.6.1		2023-10-23
		8	Effect auxiliary ground resistance	General specifications for measuring resistance equipments Part 2:power frequency earth resistance testers DL/T845.2-2020		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
				6.5.2.3		
		9	Effect of earth voltage	General specifications for measuring resistance equipments Part 2:power frequency earth resistance testers DL/T845.2-2020 6.5.2.4		2023-10-23
		10	Effect of power source	General specifications for measuring resistance equipments Part 2:power frequency earth resistance testers DL/T845.2-2020 6.6.1		2023-10-23
				Earth continuity tester GB/T28030-2011 6.7.1		2023-10-23
				General specification of earth continuity tester SJ/T11386-2008 5.8.6		2023-10-23
		11	Appearance and structure	General specifications for measuring resistance equipments Part 2:power frequency earth resistance testers DL/T845.2-2020 6.5.2.1		2023-10-23
				Earth continuity tester GB/T28030-2011 6.3.2		2023-10-23
				General specification of earth continuity tester SJ/T11386-2008 5.7.1		2023-10-23
		12	Error of earth continuity tester indication	Earth continuity tester GB/T28030-2011 6.3.3		2023-10-23
				General specification of earth continuity tester SJ/T11386-2008 5.7.2		2023-10-23
		13	Error of testing current(Output current)	Earth continuity tester GB/T28030-2011 6.3.4		2023-10-23
				General specification of earth continuity tester SJ/T11386-2008 5.7.3		2023-10-23
		14	Fluctuation of testing current(Fluctuation of output current)	Earth continuity tester GB/T28030-2011 6.3.5		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		15	Ripple contain factor of testing current	Earth continuity tester GB/T28030-2011 6.3.6		2023-10-23
				General specification of earth continuity tester SJ/T11386-2008 5.7.4		2023-10-23
		16	Zero-load voltage	Earth continuity tester GB/T28030-2011 6.4.1		2023-10-23
				General specification of earth continuity tester SJ/T11386-2008 5.7.5		2023-10-23
		17	Open circuit alarm	Earth continuity tester GB/T28030-2011 6.4.2		2023-10-23
				General specification of earth continuity tester SJ/T11386-2008 5.7.6		2023-10-23
		18	Timing function	Earth continuity tester GB/T28030-2011 5.2.1.3		2023-10-23
				General specification of earth continuity tester SJ/T11386-2008 4.6.7		2023-10-23
		19	Definite time	Earth continuity tester GB/T28030-2011 6.4.4		2023-10-23
		20	Function of reset	Earth continuity tester GB/T28030-2011 6.4.5		2023-10-23
				General specification of earth continuity tester SJ/T11386-2008 5.7.8		2023-10-23
51	Insulation Resistance tester	1	Appearance and structure	General specification of insulation resistance tester SJ/T11385-2008 5.2		2023-10-23
		2	Open-circuit voltage	General specification of insulation resistance tester SJ/T11385-2008 5.7.2.1		2023-10-23
		3	Mid-voltage(fall-off voltage)	General specification of insulation resistance tester SJ/T11385-2008 5.7.2.2		2023-10-23
		4	Indication of terminal voltage	General specification of insulation resistance tester SJ/T11385-2008 5.7.2.3		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		5	Ripple contain factor of terminal voltage	General specification of insulation resistance tester SJ/T11385-2008 5.7.3		2023-10-23
		6	Function of breakdown warning	General specification of insulation resistance tester SJ/T11385-2008 5.7.4		2023-10-23
		7	Function of definite time	General specification of insulation resistance tester SJ/T11385-2008 5.7.5		2023-10-23
52	Leakage Current tester	1	Appearance and structure	General specification of leakage current tester SJ/T11383-2008 5.2		2023-10-23
		2	Leakage Current test	General specification of leakage current tester SJ/T11383-2008 5.7.1		2023-10-23
		3	Body impedance network	General specification of leakage current tester SJ/T11383-2008 5.7.2		2023-10-23
		4	Function of breakdown warning	General specification of leakage current tester SJ/T11383-2008 5.7.3		2023-10-23
		5	Function of definite time	General specification of leakage current tester SJ/T11383-2008 5.7.4		2023-10-23
		6	Load effect	General specification of leakage current tester SJ/T11383-2008 B.2.2		2023-10-23
		7	Source effect	General specification of leakage current tester SJ/T11383-2008 B.2.3		2023-10-23
53	Withstanding Voltage tester	1	Appearance and structure	General specification of withstanding voltage tester SJ/T11384-2008 5.2		2023-10-23
				Program of Pattern Evaluation of Withstanding Voltage Testers JJF1378-2012 9.2		2023-10-23
		2	Output voltage	General specification of withstanding voltage tester SJ/T11384-2008 5.7.1		2023-10-23
				Program of Pattern Evaluation of Withstanding Voltage Testers JJF1378-2012 9.4.1		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		3	Output current	General specification of withstanding voltage tester SJ/T11384-2008 5.7.2		2023-10-23
				Program of Pattern Evaluation of Withstanding Voltage Testers JJF1378-2012 9.4.2		2023-10-23
		4	Frequency of output AC voltage	General specification of withstanding voltage tester SJ/T11384-2008 5.7.3		2023-10-23
				Program of Pattern Evaluation of Withstanding Voltage Testers JJF1378-2012 9.4.6		2023-10-23
		5	Distortion of output AC voltage	General specification of withstanding voltage tester SJ/T11384-2008 5.7.4		2023-10-23
				Program of Pattern Evaluation of Withstanding Voltage Testers JJF1378-2012 9.4.5		2023-10-23
		6	Ripple contain factor of output DC voltage	General specification of withstanding voltage tester SJ/T11384-2008 5.7.5		2023-10-23
				Program of Pattern Evaluation of Withstanding Voltage Testers JJF1378-2012 9.4.4		2023-10-23
		7	Effective capacity	General specification of withstanding voltage tester SJ/T11384-2008 5.7.6		2023-10-23
				Program of Pattern Evaluation of Withstanding Voltage Testers JJF1378-2012 9.4.7		2023-10-23
		8	Function of breakdown warning	General specification of withstanding voltage tester SJ/T11384-2008 5.7.7		2023-10-23
				Program of Pattern Evaluation of Withstanding Voltage Testers JJF1378-2012 9.4.2		2023-10-23
		9	Voltage duration	General specification of withstanding voltage tester SJ/T11384-2008 5.7.8		2023-10-23
				Program of Pattern Evaluation of Withstanding Voltage Testers JJF1378-2012 9.4.3		2023-10-23
54	capacitance	1	Storage energy	Dangerous goods regulations IATA (66th) : 2025 PI971、A186、A196		2025-01-26

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
55	Mounted digital display electric measuring instruments	1	Intrinsic error	Mounted digital display electric measuring instruments-Part 1:Definitions and general requirements common to all parts GB/T 22264.1-2022 5.2		2023-10-23
				Mounted digital display electric measuring instruments-Part 8:Recommended test methods GB/T 22264.8-2022 4.1、4.2.1、4.2.2、4.2.3、4.2.4		2023-10-23
		2	Resolution	Mounted digital display electric measuring instruments-Part 1:Definitions and general requirements common to all parts GB/T 22264.1-2022 5.2		2023-10-23
				Mounted digital display electric measuring instruments-Part 8:Recommended test methods GB/T 22264.8-2022 6.3		2023-10-23
		3	Repeatability	Mounted digital display electric measuring instruments-Part 1:Definitions and general requirements common to all parts GB/T 22264.1-2022 5.2		2023-10-23
				Mounted digital display electric measuring instruments-Part 8:Recommended test methods GB/T 22264.8-2022 6.10.1、6.10.2		2023-10-23
		4	Power Consumption	Mounted digital display electric measuring instruments-Part 1:Definitions and general requirements common to all parts GB/T 22264.1-2022 5.2		2023-10-23
				Mounted digital display electric measuring instruments-Part 8:Recommended test methods GB/T 22264.8-2022 6.7		2023-10-23
		5	Over load	Mounted digital display electric measuring instruments-Part 8:Recommended test methods GB/T 22264.8-2022 6.2		2023-10-23
		6	Self-heating influence	Mounted digital display electric measuring instruments-Part 1:Definitions and general requirements common to all parts GB/T 22264.1-2022 5.2		2023-10-23
				Mounted digital display electric measuring instruments-Part 8:Recommended test methods GB/T 22264.8-2022 6.1.1		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
56	DC power system test equipments of electric power system(Battery voltage inspection apparatus,Battery capacity discharge tester,Testing system of the charging device characteristics, Battery internal resistance tester,Battery voltage inspection apparatus)	1	Direct voltage accuracy	General specification for DC power system test equipments of electric power system Party 1:Battery voltage inspection apparatus Q/GDW 1901.1-2013 7.3.1		2023-10-23
				DC power system test equipments of electric power system Party 2:Battery capacity discharge tester Q/GDW 1901.2-2013 7.3.1		2023-10-23
				DC power system test equipments of electric power system Party 3:Testing system of the charging device characteristics Q/GDW 1901.3-2013 7.3.2		2023-10-23
				DC power system test equipments of electric power system Party 7:Battery voltage inspection apparatus Q/GDW 1901.7-2013 7.3.1		2023-10-23
		2	Direct current accuracy	DC power system test equipments of electric power system Party 2:Battery capacity discharge tester Q/GDW 1901.2-2013 7.3.2		2023-10-23
				DC power system test equipments of electric power system Party 3:Testing system of the charging device characteristics Q/GDW 1901.3-2013 7.3.3		2023-10-23
				DC power system test equipments of electric power system Party 7:Battery voltage inspection apparatus Q/GDW 1901.7-2013 7.3.2		2023-10-23
		3	Alternation voltage accuracy	DC power system test equipments of electric power system Party 3:Testing system of the charging device characteristics Q/GDW 1901.3-2013 7.3.1		2023-10-23
		4	Alternation power accuracy	DC power system test equipments of electric power system Party 3:Testing system of the charging device characteristics Q/GDW 1901.3-2013 7.3.5		2023-10-23
		5	Internal resistance accuracy	DC power system test equipments of electric power system Party 5:Battery internal resistance tester Q/GDW 1901.5-2013 7.3.1		2023-10-23
		6	constant current accuracy	General specification and safety requirement for DC power supply equipment of power projects GB/T 19826-2014 6.3.2.1		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		7	constant voltage accuracy	General specification and safety requirement for DC power supply equipment of power projects GB/T 19826-2014 6.3.3.1		2023-10-23
57	Lithium ion cells and batteries	1	High temperature and external short circuit	Lithium ion cells and batteries used in portable electronic equipments – Safety technical specification GB 31241-2022 6.1		2023-10-23
		2	Over charge	Lithium ion cells and batteries used in portable electronic equipments – Safety technical specification GB 31241-2022 6.2		2023-10-23
		3	forced discharge	Lithium ion cells and batteries used in portable electronic equipments – Safety technical specification GB 31241-2022 6.3		2023-10-23
		4	low-pressure	Lithium ion cells and batteries used in portable electronic equipments – Safety technical specification GB 31241-2022 7.1、8.1		2023-10-23
		5	thermal cycling	Lithium ion cells and batteries used in portable electronic equipments – Safety technical specification GB 31241-2022 7.2、8.2		2023-10-23
		6	vibration	Lithium ion cells and batteries used in portable electronic equipments – Safety technical specification GB 31241-2022 7.3、8.3		2023-10-23
		7	shock	Lithium ion cells and batteries used in portable electronic equipments – Safety technical specification GB 31241-2022 7.4、8.4		2023-10-23
		8	drop	Lithium ion cells and batteries used in portable electronic equipments – Safety technical specification GB 31241-2022 7.5、8.5		2023-10-23
		9	Crush	Lithium ion cells and batteries used in portable electronic equipments – Safety technical specification GB 31241-2022 7.6		2023-10-23
		10	Impact	Lithium ion cells and batteries used in portable electronic equipments – Safety technical specification GB 31241-2022 7.7		2023-10-23
		11	Thermal abuse	Lithium ion cells and batteries used in portable electronic equipments – Safety technical specification GB 31241-2022 7.8		2023-10-23

The scope of the accreditation in Chinese remains the definitive version.

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		12	Burning Spray	Lithium ion cells and batteries used in portable electronic equipments – Safety technical specification GB 31241-2022 7.9		2023-10-23
		13	stress relief	Lithium ion cells and batteries used in portable electronic equipments – Safety technical specification GB 31241-2022 8.6		2023-10-23
		14	high temperature performance	Lithium ion cells and batteries used in portable electronic equipments – Safety technical specification GB 31241-2022 8.7		2023-10-23
		15	washing	Lithium ion cells and batteries used in portable electronic equipments – Safety technical specification GB 31241-2022 8.8		2023-10-23
		16	Over voltage charging	Lithium ion cells and batteries used in portable electronic equipments – Safety technical specification GB 31241-2022 9.2		2023-10-23
		17	Over current charging	Lithium ion cells and batteries used in portable electronic equipments – Safety technical specification GB 31241-2022 9.3		2023-10-23
		18	Under voltage discharge	Lithium ion cells and batteries used in portable electronic equipments – Safety technical specification GB 31241-2022 9.4		2023-10-23
		19	overcurrent	Lithium ion cells and batteries used in portable electronic equipments – Safety technical specification GB 31241-2022 9.5		2023-10-23
		20	External short circuit	Lithium ion cells and batteries used in portable electronic equipments – Safety technical specification GB 31241-2022 9.6		2023-10-23
		21	reverse charging	Lithium ion cells and batteries used in portable electronic equipments – Safety technical specification GB 31241-2022 9.7		2023-10-23
		22	Charging over voltage protection	Lithium ion cells and batteries used in portable electronic equipments – Safety technical specification GB 31241-2022 10.1		2023-10-23
		23	Charging over current protection	Lithium ion cells and batteries used in portable electronic equipments – Safety technical specification GB 31241-2022 10.2		2023-10-23
		24	Under voltage discharge protection	Lithium ion cells and batteries used in portable electronic equipments – Safety technical specification GB 31241-2022 10.3		2023-10-23
		25	overcurrent protecti on	Lithium ion cells and batteries used in portable electronic equipments – Safety technical specification GB 31241-2022 10.4		2023-10-23
		26	short-circuit protection	Lithium ion cells and batteries used in portable electronic equipments – Safety technical specification GB 31241-2022 10.5		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		27	Sample capacity test	Lithium ion cells and batteries used in portable electronic equipments – Safety technical specification GB 31241-2022 4.7.3		2023-10-23
		28	Sample pretreatment	Lithium ion cells and batteries used in portable electronic equipments – Safety technical specification GB 31241-2022 4.7.4		2023-10-23
		29	Safe operating parameter	Lithium ion cells and batteries used in portable electronic equipments – Safety technical specification GB 31241-2022 5.2		2023-10-23
		30	Identification requirement	Lithium ion cells and batteries used in portable electronic equipments – Safety technical specification GB 31241-2022 5.3.1		2023-10-23
		31	Warning mark	Lithium ion cells and batteries used in portable electronic equipments – Safety technical specification GB 31241-2022 5.3.2		2023-10-23
		32	Durableness	Lithium ion cells and batteries used in portable electronic equipments – Safety technical specification GB 31241-2022 5.3.3		2023-10-23
		33	Charge voltage control	Lithium ion cells and batteries used in portable electronic equipments – Safety technical specification GB 31241-2022 11.1		2023-10-23
		34	Charge current control	Lithium ion cells and batteries used in portable electronic equipments – Safety technical specification GB 31241-2022 11.2		2023-10-23
		35	Discharge voltage control	Lithium ion cells and batteries used in portable electronic equipments – Safety technical specification GB 31241-2022 11.3		2023-10-23
		36	Discharge current control	Lithium ion cells and batteries used in portable electronic equipments – Safety technical specification GB 31241-2022 11.4		2023-10-23
		37	Charge-discharge temperature control	Lithium ion cells and batteries used in portable electronic equipments – Safety technical specification GB 31241-2022 11.5		2023-10-23
		38	Single-stage battery overcharge protection	Lithium ion cells and batteries used in portable electronic equipments – Safety technical specification GB31241-2022 12.2.1		2023-10-23
		39	Single-stage battery overdischarge protection	Lithium ion cells and batteries used in portable electronic equipments – Safety technical specification GB31241-2022 12.2.2		2023-10-23
58	Li-ion batteries	1	appearance	Electric bicycles-cell or battery and chargers Part 3: Li-ion batteries and chargers QB/T 2947.3-2008 5.1.1.1		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		2	polarity mark	Electric bicycles-cell or battery and chargers Part 3: Li-ion batteries and chargers QB/T 2947.3-2008 5.1.1.2		2023-10-23
		3	boundary dimension	Electric bicycles-cell or battery and chargers Part 3: Li-ion batteries and chargers QB/T 2947.3-2008 5.1.1.3		2023-10-23
		4	weight	Electric bicycles-cell or battery and chargers Part 3: Li-ion batteries and chargers QB/T 2947.3-2008 5.1.1.4		2023-10-23
		5	mark and code name	Electric bicycles-cell or battery and chargers Part 3: Li-ion batteries and chargers QB/T 2947.3-2008 5.1.1.5		2023-10-23
		6	open-circuit voltage	Electric bicycles-cell or battery and chargers Part 3: Li-ion batteries and chargers QB/T 2947.3-2008 5.1.2.1		2023-10-23
		7	working current	Electric bicycles-cell or battery and chargers Part 3: Li-ion batteries and chargers QB/T 2947.3-2008 5.1.2.2		2023-10-23
		8	Normal temperature capacity	Electric bicycles-cell or battery and chargers Part 3: Li-ion batteries and chargers QB/T 2947.3-2008 5.1.2.3.1		2023-10-23
		9	low temperature （－10℃）capacity	Electric bicycles-cell or battery and chargers Part 3: Li-ion batteries and chargers QB/T 2947.3-2008 5.1.2.3.2		2023-10-23
		10	high temperature （40℃）capacity	Electric bicycles-cell or battery and chargers Part 3: Li-ion batteries and chargers QB/T 2947.3-2008 5.1.2.3.3		2023-10-23
		11	I_2（A）discharge capacity	Electric bicycles-cell or battery and chargers Part 3: Li-ion batteries and chargers QB/T 2947.3-2008 5.1.2.3.4		2023-10-23
		12	charge retention capability	Electric bicycles-cell or battery and chargers Part 3: Li-ion batteries and chargers QB/T 2947.3-2008 5.1.3		2023-10-23
		13	cycle life	Electric bicycles-cell or battery and chargers Part 3: Li-ion batteries and chargers QB/T 2947.3-2008 5.1.4		2023-10-23
		14	vibration resistance	Electric bicycles-cell or battery and chargers Part 3: Li-ion batteries and chargers QB/T 2947.3-2008 5.1.5		2023-10-23
		15	short circuit	Electric bicycles-cell or battery and chargers Part 3: Li-ion batteries and chargers QB/T 2947.3-2008 5.1.6.1		2023-10-23
		16	overcharge	Electric bicycles-cell or battery and chargers Part 3: Li-ion batteries and chargers QB/T 2947.3-2008 5.1.6.2		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		17	overdischarge	Electric bicycles-cell or battery and chargers Part 3: Li-ion batteries and chargers QB/T 2947.3-2008 5.1.6.3		2023-10-23
		18	constant temperature and damp	Electric bicycles-cell or battery and chargers Part 3: Li-ion batteries and chargers QB/T 2947.3-2008 5.1.6.4	Conduct testing at location B(Dongguan)	2023-10-23
		19	Thermal test	Electric bicycles-cell or battery and chargers Part 3: Li-ion batteries and chargers QB/T 2947.3-2008 5.1.6.5		2023-10-23
		20	submerging	Electric bicycles-cell or battery and chargers Part 3: Li-ion batteries and chargers QB/T 2947.3-2008 5.1.6.6		2023-10-23
		21	free fall	Electric bicycles-cell or battery and chargers Part 3: Li-ion batteries and chargers QB/T 2947.3-2008 5.1.6.7		2023-10-23
		22	reverse charge	Electric bicycles-cell or battery and chargers Part 3: Li-ion batteries and chargers QB/T 2947.3-2008 5.1.6.8		2023-10-23
		23	130℃ high temperature	Electric bicycles-cell or battery and chargers Part 3: Li-ion batteries and chargers QB/T 2947.3-2008 5.1.6.9		2023-10-23
		24	puncture	Electric bicycles-cell or battery and chargers Part 3: Li-ion batteries and chargers QB/T 2947.3-2008 5.1.6.10		2023-10-23
		25	crush	Electric bicycles-cell or battery and chargers Part 3: Li-ion batteries and chargers QB/T 2947.3-2008 5.1.6.11		2023-10-23
59	Electric energy metering for electric vehicle off-board charger (Direct current electricity meters)	1	Apparent Inspection	Electric energy metering for electric vehicle off-board charger GB/T 29318-2012 6.2.1		2023-10-23
				Technical specification for direct current electricity meters DL/T 1484-2015 5.2		2023-10-23
		2	Test of insulation	Electric energy metering for electric vehicle off-board charger GB/T 29318-2012 6.2.4		2023-10-23
				Technical specification for direct current electricity meters DL/T 1484-2015 5.6.2		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		3	Basic error at reference voltage	Electric energy metering for electric vehicle off-board charger GB/T 29318-2012 6.2.2.1		2023-10-23
				Technical specification for direct current electricity meters DL/T 1484-2015 5.5.1		2023-10-23
		4	Basic error of reference current	Electric energy metering for electric vehicle off-board charger GB/T 29318-2012 6.2.2.2		2023-10-23
				Technical specification for direct current electricity meters DL/T 1484-2015 5.5.2		2023-10-23
		5	Test of Ripple Wave	Electric energy metering for electric vehicle off-board charger GB/T 29318-2012 6.2.2.3		2023-10-23
				Technical specification for direct current electricity meters DL/T 1484-2015 5.5.3		2023-10-23
		6	Test of starting	Electric energy metering for electric vehicle off-board charger GB/T 29318-2012 6.2.2.4		2023-10-23
				Technical specification for direct current electricity meters DL/T 1484-2015 5.5.4		2023-10-23
		7	Test of No-Load-Condition	Electric energy metering for electric vehicle off-board charger GB/T 29318-2012 6.2.2.5		2023-10-23
				Technical specification for direct current electricity meters DL/T 1484-2015 5.5.5		2023-10-23
		8	Day time error	Electric energy metering for electric vehicle off-board charger GB/T 29318-2012 6.2.2.6		2023-10-23
				Technical specification for direct current electricity meters DL/T 1484-2015 5.5.6		2023-10-23
		9	The test of Day time error varying from temperature	Electric energy metering for electric vehicle off-board charger GB/T 29318-2012 6.2.2.7		2023-10-23
				Technical specification for direct current electricity meters DL/T 1484-2015 5.5.7		2023-10-23
		10	The combined error of register	Electric energy metering for electric vehicle off-board charger GB/T 29318-2012 6.2.2.8		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
			indication	Technical specification for direct current electricity meters DL/T 1484-2015 5.5.8		2023-10-23
		11	Power loss	Electric energy metering for electric vehicle off-board charger GB/T 29318-2012 6.2.3		2023-10-23
				Technical specification for direct current electricity meters DL/T 1484-2015 5.6.1		2023-10-23
		12	The test of error from temperature	Technical specification for direct current electricity meters DL/T 1484-2015 5.5.9		2023-10-23
		13	Function check	Technical specification for direct current electricity meters DL/T 1484-2015 5.7		2023-10-23
60	Residual current electrical fire monitoring detectors	1	Pretest inspection	Electrical fire monitoring system—Part 2: Residual current electrical fire monitoring detectors GB 14287.2-2014 6.1.5		2023-10-23
		2	Basic function	Electrical fire monitoring system—Part 2: Residual current electrical fire monitoring detectors GB 14287.2-2014 6.2		2023-10-23
		3	Monitoring alarm	Electrical fire monitoring system—Part 2: Residual current electrical fire monitoring detectors GB 14287.2-2014 6.3		2023-10-23
		4	Communication function	Electrical fire monitoring system—Part 2: Residual current electrical fire monitoring detectors GB 14287.2-2014 6.4		2023-10-23
		5	Repeatability	Electrical fire monitoring system—Part 2: Residual current electrical fire monitoring detectors GB 14287.2-2014 6.5		2023-10-23
		6	Uniformity	Electrical fire monitoring system—Part 2: Residual current electrical fire monitoring detectors GB 14287.2-2014 6.6		2023-10-23
61		1	Voltage deviation	Power quality requirements for electric vehicle charging/battery swap infrastructure GB/T 29316-2012 4		2023-10-23
		2	Voltage unbalance	Power quality requirements for electric vehicle charging/battery swap infrastructure GB/T 29316-2012 5		2023-10-23
		3	Harmonic limit	Power quality requirements for electric vehicle charging/battery swap infrastructure GB/T 29316-2012 6		2023-10-23
		4	Power Quality	Power quality requirements for electric vehicle charging/battery swap infrastructure GB/T 29316-2012 7		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
62	Insulation clamp	1	Withstanding Voltage	Preventive test code of electric safety tools and devices DL/T 1476-2023 5.2.8.2 (table 26)		2024-09-29
63	Standard current transformers	1	Unit of measurement	Program of Pattern Evaluation of Instrument Transformers. Part 1:standard Current Transformers JJF1701.1-2018 5.1		2023-10-23
		2	Exterior structure	Program of Pattern Evaluation of Instrument Transformers. Part 1:standard Current Transformers JJF1701.1-2018 5.2		2023-10-23
		3	Logos and signboard	Program of Pattern Evaluation of Instrument Transformers. Part 1:standard Current Transformers JJF1701.1-2018 5.3		2023-10-23
		4	Accuracy class	Program of Pattern Evaluation of Instrument Transformers. Part 1:standard Current Transformers JJF1701.1-2018 6.1		2023-10-23
		5	Winding polarity	Program of Pattern Evaluation of Instrument Transformers. Part 1:standard Current Transformers JJF1701.1-2018 10.4		2023-10-23
		6	Intrinsic error	Program of Pattern Evaluation of Instrument Transformers. Part 1:standard Current Transformers JJF1701.1-2018 10.5		2023-10-23
		7	Error at limiting operating temperature	Program of Pattern Evaluation of Instrument Transformers. Part 1:standard Current Transformers JJF1701.1-2018 10.6		2023-10-23
		8	Stability	Program of Pattern Evaluation of Instrument Transformers. Part 1:standard Current Transformers JJF1701.1-2018 10.8		2023-10-23
		9	Appearance	Program of Pattern Evaluation of Instrument Transformers. Part 1:standard Current Transformers JJF1701.1-2018 10.2		2023-10-23
		10	Dielectric strength	Program of Pattern Evaluation of Instrument Transformers. Part 1:standard Current Transformers JJF1701.1-2018 10.3		2023-10-23
		11	Transportation vibration	Program of Pattern Evaluation of Instrument Transformers. Part 1:standard Current Transformers JJF1701.1-2018 10.7		2023-10-23
64	Standard voltage transformers	1	Unit of measurement	Program of pattern Evaluation of Instrument Transformers. part 2:Standard Voltage Transformers JJF1701.2-2018 5.1		2023-10-23
		2	Exterior structure	Program of pattern Evaluation of Instrument Transformers. part 2:Standard Voltage Transformers JJF1701.2-2018 5.2		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		3	Logos and signboard	Program of pattern Evaluation of Instrument Transformers. part 2:Standard Voltage Transformers JJF1701.2-2018 5.3		2023-10-23
		4	Accuracy class	Program of pattern Evaluation of Instrument Transformers. part 2:Standard Voltage Transformers JJF1701.2-2018 6.1		2023-10-23
		5	Winding polarity	Program of pattern Evaluation of Instrument Transformers. part 2:Standard Voltage Transformers JJF1701.2-2018 10.5		2023-10-23
		6	Intrinsic error	Program of pattern Evaluation of Instrument Transformers. part 2:Standard Voltage Transformers JJF1701.2-2018 10.6		2023-10-23
		7	Error at limiting operating temperature	Program of pattern Evaluation of Instrument Transformers. part 2:Standard Voltage Transformers JJF1701.2-2018 10.7		2023-10-23
		8	Stability	Program of pattern Evaluation of Instrument Transformers. part 2:Standard Voltage Transformers JJF1701.2-2018 10.9		2023-10-23
		9	Appearance	Program of pattern Evaluation of Instrument Transformers. part 2:Standard Voltage Transformers JJF1701.2-2018 10.2		2023-10-23
		10	Dielectric strength	Program of pattern Evaluation of Instrument Transformers. part 2:Standard Voltage Transformers JJF1701.2-2018 10.3	Accredited only for: Rated Primary Voltage Effective Value ≤220/√3kV	2023-10-23
		11	Transportation vibration	Program of pattern Evaluation of Instrument Transformers. part 2:Standard Voltage Transformers JJF1701.2-2018 10.8		2023-10-23
65	Programmable Logic Controller （PLC）	1	Resistance voltage range, voltage ripple and frequency range test	Programmable controllers - Part 2: Equipment requirements and tests GB/T15969.2-2008 6.4.1.1		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		2	Anti Three Harmonic Test	Programmable controllers - Part 2: Equipment requirements and tests GB/T15969.2-2008 6.4.1.2		2023-10-23
		3	Shutdown Test	Programmable controllers - Part 2: Equipment requirements and tests GB/T15969.2-2008 6.4.1.3		2023-10-23
		4	Start test	Programmable controllers - Part 2: Equipment requirements and tests GB/T15969.2-2008 6.4.1.4		2023-10-23
		5	Device power polarity misconnection test	Programmable controllers - Part 2: Equipment requirements and tests GB/T15969.2-2008 6.4.3		2023-10-23
		6	Verification of the Manufacturer's Method of Replacing the Power Supply	Programmable controllers - Part 2: Equipment requirements and tests GB/T15969.2-2008 6.4.4.2		2023-10-23
		7	Verification of Other Requirements	Programmable controllers - Part 2: Equipment requirements and tests GB/T15969.2-2008 6.4.4.3		2023-10-23
		8	Input and output requirements verification	Programmable controllers - Part 2: Equipment requirements and tests GB/T15969.2-2008 6.5		2023-10-23
		9	Communication Interface Verification	Programmable controllers - Part 2: Equipment requirements and tests GB/T15969.2-2008 6.6		2023-10-23
		10	Remote I/O station verification	Programmable controllers - Part 2: Equipment requirements and tests GB/T15969.2-2008 6.8		2023-10-23
		11	PLC system self-test and diagnostic verification	Programmable controllers - Part 2: Equipment requirements and tests GB/T15969.2-2008 6.10		2023-10-23
		12	Marking and manufacturer technical	Programmable controllers - Part 2: Equipment requirements and tests GB/T15969.2-2008 6.11		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
			Documentation Verification			
66	Industrial Control Computer System	1	Functional	Industrial control computer system--General specification--Part 1：General requirements GB/T 26802.1-2011 6.1		2023-10-23
		2	Input and Output Performance	Industrial control computer system--General specification--Part 1：General requirements GB/T 26802.1-2011 6.2.3		2023-10-23
		3	Visual Inspection	Industrial control computer system--General specification--Part 1：General requirements GB/T 26802.1-2011 6.2.4		2023-10-23
		4	Insulation Resistance	Industrial control computer system--General specification--Part 1：General requirements GB/T 26802.1-2011 6.2.5.1		2023-10-23
		5	Dielectric Strength	Industrial control computer system--General specification--Part 1：General requirements GB/T 26802.1-2011 6.2.5.2		2023-10-23
		6	Long-running Assessment	Industrial control computer system--General specification--Part 1：General requirements GB/T 26802.1-2011 6.2.13		2023-10-23
		7	Noise Test	Industrial control computer system--General specification--Part 1：General requirements GB/T 26802.1-2011 6.2.14		2023-10-23
67	Lithium battery or Lithium cell	1	Altitude simulation	Special requirements for dangerous goods air transport pre-production prototypes and low production runs of lithium batteries or cells MH/T 1072-2020 4.3.2	Accredited only for samples with a size of 38cm×25cm×38cm（Length×Width×Height）below	2023-10-23
		2	Thermal test	Special requirements for dangerous goods air transport pre-production prototypes and low production runs of lithium batteries or cells MH/T 1072-2020 4.3.3	Accredited only for samples	2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
					with a size of 38cm×25cm×38cm（Length×Width×Height）below	
		3	Vibration	Special requirements for dangerous goods air transport pre-production prototypes and low production runs of lithium batteries or cells MH/T 1072-2020 4.3.4	Accredited only for samples with a size of 38cm×25cm×38cm（Length×Width×Height）below	2023-10-23
		4	Shock	Special requirements for dangerous goods air transport pre-production prototypes and low production runs of lithium batteries or cells MH/T 1072-2020 4.3.5	Accredited only for samples with a size of 38cm×25cm×38cm（Length×Width×Height）below	2023-10-23
		5	External short circuit	Special requirements for dangerous goods air transport pre-production prototypes and low production runs of lithium batteries or cells MH/T 1072-2020 4.3.6	Accredited only for samples	2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
					with a size of 38cm×25cm×38cm（Length×Width×Height）below	
		6	Impact/Crush	Special requirements for dangerous goods air transport pre-production prototypes and low production runs of lithium batteries or cells MH/T 1072-2020 4.3.7	Accredited only for samples with a size of 38cm×25cm×38cm（Length×Width×Height）below	2023-10-23
		7	Forced discharge	Special requirements for dangerous goods air transport pre-production prototypes and low production runs of lithium batteries or cells MH/T 1072-2020 4.3.8	Accredited only for samples with a size of 38cm×25cm×38cm（Length×Width×Height）below	2023-10-23
		8	Package 1.8m drop test	Special requirements for dangerous goods air transport pre-production prototypes and low production runs of lithium batteries or cells MH/T 1072-2020 5	Accredited only for samples	2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
					with a size of 38cm×25cm×38cm（Length×Width×Height）below	
68	Secondary lithium cells and batteries,for use in industrial applications	1	External short-circuit test	Secondary cells and batteries containing alkaline or other non-acid electrolytes - Safety requirements for secondary lithium cells and batteries, for use in industrial applications IEC 62619:2022 7.2.1	Accredited only for samples with a size of 38cm×25cm×38cm（Length×Width×Height）below	2023-10-23
		2	Impact test	Secondary cells and batteries containing alkaline or other non-acid electrolytes - Safety requirements for secondary lithium cells and batteries, for use in industrial applications IEC 62619:2022 7.2.2	Accredited only for samples with a size of 38cm×25cm×38cm（Length×Width×Height）below	2023-10-23
		3	Drop test	Secondary cells and batteries containing alkaline or other non-acid electrolytes - Safety requirements for secondary lithium cells and batteries, for use in industrial applications IEC 62619:2022	Accredited only for samples	2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
				7.2.3	with a size of 38cm×25cm×38cm（Length×Width×Height）below	
		4	Thermal abuse test	Secondary cells and batteries containing alkaline or other non-acid electrolytes - Safety requirements for secondary lithium cells and batteries, for use in industrial applications IEC 62619:2022 7.2.4	Accredited only for samples with a size of 38cm×25cm×38cm（Length×Width×Height）below	2023-10-23
		5	Overcharge test	Secondary cells and batteries containing alkaline or other non-acid electrolytes - Safety requirements for secondary lithium cells and batteries, for use in industrial applications IEC 62619:2022 7.2.5	Accredited only for samples with a size of 38cm×25cm×38cm（Length×Width×Height）below	2023-10-23
		6	Forced discharge test	Secondary cells and batteries containing alkaline or other non-acid electrolytes - Safety requirements for secondary lithium cells and batteries, for use in industrial applications IEC 62619:2022	Accredited only for samples	2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
				7.2.6	with a size of 38cm×25cm×38cm（Length×Width×Height）below	
		7	Overcharge control of voltage	Secondary cells and batteries containing alkaline or other non-acid electrolytes - Safety requirements for secondary lithium cells and batteries, for use in industrial applications IEC 62619:2022 8.2.2	Accredited only for samples with a size of 38cm×25cm×38cm（Length×Width×Height）below	2023-10-23
		8	Overcharge control of current	Secondary cells and batteries containing alkaline or other non-acid electrolytes - Safety requirements for secondary lithium cells and batteries, for use in industrial applications IEC 62619:2022 8.2.3	Accredited only for samples with a size of 38cm×25cm×38cm（Length×Width×Height）below	2023-10-23
		9	Overheating control	Secondary cells and batteries containing alkaline or other non-acid electrolytes - Safety requirements for secondary lithium cells and batteries, for use in industrial applications IEC 62619:2022	Accredited only for samples	2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
				8.2.4	with a size of 38cm×25cm×38cm（Length×Width×Height）below	
Ⅴ Chemistry & Optics Measurement						
1	Clean Room (or Area)	1	High efficient filter leak detection	Code for construction and acceptance of cleanroom GB 50591-2010 D.2	Accredited only for: (0．001～100)μg／L	2023-10-23
				Code for construction and acceptance of cleanroom GB 50591-2010 D.3	Accredited only for: Particle diameter (0.1～10) μm	2023-10-23
		2	Air Delivery and Wind Speed	Code for construction and acceptance of cleanroom GB 50591-2010 E.1	Accredited only for: Wind Speed: (0～20)m/s	2023-10-23
		3	Stable Pressure Difference	Code for construction and acceptance of cleanroom GB 50591-2010 E.2	Accredited only for: ≤250Pa	2023-10-23
		4	Class of Clean	Code for construction and acceptance of cleanroom GB 50591-2010 E.4	Accredited only for: Particle	2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
					diameter (0.1～10)μm	
		5	Temperature and Humidity	Code for construction and acceptance of cleanroom GB 50591-2010 E.5	Accredited only for: temperature (5～60)℃ Humidity (0～100)%RH	2023-10-23
		6	Noise Level	Code for construction and acceptance of cleanroom GB 50591-2010 E.6	Accredited only for: ≥30dB	2023-10-23
		7	Intensity of Illumination	Code for construction and acceptance of cleanroom GB 50591-2010 E.7	Accredited only for: (0～200000)lx	2023-10-23
		8	Suspension microbial detection	Code for construction and acceptance of cleanroom Code for construction and acceptance of cleanroom E.8		2023-10-23
		9	Flow pattern detection	Code for construction and acceptance of cleanroom GB 50591-2010 E.12		2023-10-23
		10	Formaldehyde	Code for construction and acceptance of cleanroom GB 50591-2010 E.13	Accredited only for:: (0.01～2.0)mg/m^3	2023-10-23
2	Clean benches(CB)	1	cleanliness	Clean bench JG/T 292-2010 7.4.4.6	Accredited only for: particle diameter 0.5μm,	2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
					5.0μm	
		2	Wind volocity	Clean bench JG/T 292-2010 7.4.4.3	Accredited only for: (0～20)m/s	2023-10-23
		3	Noise	Clean bench JG/T 292-2010 7.4.4.8	Accredited only for: (0～100)dB	2023-10-23
		4	Illuminance	Clean bench JG/T 292-2010 7.4.4.9	Accredited only for: (0～20000)lx	2023-10-23
3	Biological safety cabinet(BSC)	1	Leakage of Biosafety Cabinet	Ⅱ Biosafety Cabinet YY 0569-2011 6.3.1	Accredited only for: (0～600)Pa	2023-10-23
		2	capacity for filter	Ⅱ Biosafety Cabinet YY 0569-2011 6.3.2	Accredited only for: (0～20) μg/L	2023-10-23
		3	Cleanliness	Clean bench JG/T 292-2010 7.4.4.6	Accredited only for: particle diameter 0.5μm, 5.0μm	2023-10-23
		4	Noise	Ⅱ Biosafety Cabinet YY 0569-2011 6.3.3	Accredited only for: ≥30dB	2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		5	Illuminance	Ⅱ Biosafety Cabinet YY 0569-2011 6.3.4	Accredited only for: (0～3000) lx	2023-10-23
		6	Downdraft	Ⅱ Biosafety Cabinet YY 0569-2011 6.3.7	Accredited only for: (0.01～4.00)m/s	2023-10-23
		7	Inflow	Ⅱ Biosafety Cabinet YY 0569-2011 6.3.8	Accredited only for: (0.01～4.00)m/s	2023-10-23
		8	Flow pattern	Ⅱ Biosafety Cabinet YY 0569-2011 6.3.9		2023-10-23
		9	Radiant intensity	Ⅱ Biosafety Cabinet YY 0569-2011 6.3.14	Accredited only for: （10～10000）mW/m^2	2023-10-23
		10	Personnel、Product、Cross contamination protection	Class Ⅱ Biological Safety Cabinets YY 0569-2011 6.3.6		2023-10-23
4	LED Screen	1	optical performance	Requirements and test methods for LED screen in sports venues GB/T 29458-2012 5, 6		2023-10-23
5	Lighting design and test of sports venues	1	Illuminance	Standard for lighting design and test of sports venues JGJ 153-2016 9.2		2023-10-23
		2	Glare	Standard for lighting design and test of sports venues JGJ 153-2016 9.3		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		3	Colour Temperature	Standard for lighting design and test of sports venues JGJ 153-2016 9.4		2023-10-23
6	Lighting of building	1	Illuminance	Methods of lighting measurement GB/T 5700-2023 6.1		2024-09-29
		2	Glare	Methods of lighting measurement GB/T 5700-2023 6.2		2024-09-29
		3	Colour Temperature	Methods of lighting measurement GB/T 5700-2023 6.4		2024-09-29
7	Lighting of urban road	1	Illuminance	Methods of lighting measurement GB/T 5700-2023 6.1		2024-09-29
		2	Glare	Methods of lighting measurement GB/T 5700-2023 6.2		2024-09-29
		3	Colour Temperature	Methods of lighting measurement GB/T 5700-2023 6.4		2024-09-29
8	Urban rail transit lighting	1	Illuminance	Methods of lighting measurement GB/T 5700-2023 6.1		2024-09-29
		2	Glare	Methods of lighting measurement GB/T 5700-2023 6.2		2024-09-29
		3	Colour Temperature	Methods of lighting measurement GB/T 5700-2023 6.4		2024-09-29
9	Underground lighting	1	Illuminance	Methods of lighting measurement GB/T 5700-2023 6.1		2024-09-29
		2	Glare	Methods of lighting measurement GB/T 5700-2023 6.2	Accredited only for: luminance:(0~10000)cd/m^2	2024-09-29
		3	Colour Temperature	Methods of lighting measurement GB/T 5700-2023 6.4	Accredited only for: colour temperature:(2000~950	2024-09-29

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
					0)K	
10	Lighting of museum	1	Illuminance	Methods of lighting measurement GB/T5700-2023 6.1		2024-09-29
		2	Glare	Methods of lighting measurement GB/T5700-2023 6.2		2024-09-29
		3	Colour Temperature	Methods of lighting measurement GB/T5700-2023 6.4		2024-09-29
11	Focimeter	1	Appearance	Optics and optical instruments focimeter GB 17341-1998 7.1	visual	2023-10-23
				Program of Pattern Evaluation of Focimeters JJF1292-2024 8.1	Visual	2025-01-26
		2	The indication error of vertex power	Optics and optical instruments focimeter GB 17341-1998 7.3		2023-10-23
				Program of Pattern Evaluation of Focimeters JJF1292-2024 7.1		2025-01-26
		3	The indication error of prismatic power	Optics and optical instruments focimeter GB 17341-1998 7.4		2023-10-23
				Program of Pattern Evaluation of Focimeters JJF1292-2024 7.3		2025-01-26
		4	The error of the axis marker for the direction 0°to 180°of the dial sacle or the reference direction	Optics and optical instruments focimeter GB 17341-1998 7.6	Accredited only for:0°～180°	2023-10-23
				Program of Pattern Evaluation of Focimeters JJF1292-2024 7.5	Accredited only for:0°～180°	2025-01-26
		5	The error of adjusting rail deviates from the	Optics and optical instruments focimeter GB 17341-1998 7.7	Accredited only for:0°～	2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
			position parallel to the direction 0°to 180°of the rail scale		180°	
				Program of Pattern Evaluation of Focimeters JJF1292-2024 7.7	Accredited only for:0°～180°	2025-01-26
12	Refractometers	1	Appearance	Opthalmic instruments—Eye refractometers YY 0673-2008 7		2023-10-23
				Program of Pattern Evaluation of Eye refractometers JJF1291-2019 9.2		2023-10-23
		2	The indication error of zero	Opthalmic instruments—Eye refractometers YY 0673-2008 5.1	Accredited only for: (-20 ～ +20) m^{-1}	2023-10-23
				Program of Pattern Evaluation of Eye refractometers JJF1291-2019 9.4	Accredited only for: (-20 ～ +20) m^{-1}	2023-10-23
		3	The indication error of vertex power	Opthalmic instruments—Eye refractometers YY 0673-2008 5.1	Accredited only for: (-20 ～ +20) m^{-1}	2023-10-23
				Program of Pattern Evaluation of Eye refractometers JJF1291-2019 9.5	Accredited only for: (-20 ～ +20) m^{-1}	2023-10-23
		4	The indication error of astgmatic power	Opthalmic instruments—Eye refractometers YY 0673-2008 5.1	Accredited only for: (-3) m^{-1}	2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
				Program of Pattern Evaluation of Eye refractometers JJF1291-2019 9.8	Accredited only for: (-3) m^{-1}	2023-10-23
		5	Axis error	Opthalmic instruments—Eye refractometers YY 0673-2008 5.2	Accredited only for: 0°～180°	2023-10-23
				Program of Pattern Evaluation of Eye refractometers JJF1291-2019 9.7	Accredited only for: 0°～180°	2023-10-23
13	Photometer	1	Indication error	Program of Pattern Evaluation of Illuminance meters JJF1605-2016 10.1.2.2	Accredited only for: (50～3000)lx	2023-10-23
14	Combustible gas probe	1	Indication error	Program of Pattern Evaluation of Combustible - Gas Alarm Detectors JJF1368-2012 9.2.1		2023-10-23
		2	Indication error	Program of Pattern Evaluation of Combustible - Gas Alarm Detectors JJF1368-2012 9.1.1	Measuring range:(1～100)%LEL	2023-10-23
		3	Repeatability	Program of Pattern Evaluation of Combustible - Gas Alarm Detectors JJF1368-2012 9.1.2		2023-10-23
		4	Drift	Program of Pattern Evaluation of Combustible - Gas Alarm Detectors JJF1368-2012 9.1.4		2023-10-23
		5	Response time	Program of Pattern Evaluation of Combustible - Gas Alarm Detectors JJF1368-2012 9.1.3		2023-10-23
15	Alertor for carbon monoxide	1	appearance	Program of Pattern Evaluation of Carbon Monoxide Monitors JJF1421-2013 9.2.1		2023-10-23
		2	Indication error	Program of Pattern Evaluation of Carbon Monoxide Monitors JJF1421-2013 9.1.1	Measuring range：(1～	2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
					2000)μmol/mol	
		3	Repeatability	Program of Pattern Evaluation of Carbon Monoxide Monitors JJF1421-2013 9.1.2		2023-10-23
		4	Drift	Program of Pattern Evaluation of Carbon Monoxide Monitors JJF1421-2013 9.1.3		2023-10-23
		5	Response time	Program of Pattern Evaluation of Carbon Monoxide Monitors JJF1421-2013 9.1.4		2023-10-23
16	Alertor for hydrogen sulfide	1	appearance	Program of Pattern Evaluation of Sulfur Hydrogen Gas Detectors JJF1363-2019 9.2.1		2023-10-23
		2	Indication error	Program of Pattern Evaluation of Sulfur Hydrogen Gas Detectors JJF1363-2019 9.1.1	Measuring range：(1～100)μmol/mol	2023-10-23
		3	Repeatability	Program of Pattern Evaluation of Sulfur Hydrogen Gas Detectors JJF1363-2019 9.1.2		2023-10-23
		4	Alarm setting error	PProgram of Pattern Evaluation of Sulfur Hydrogen Gas Detectors JJF1363-2019 9.1.3		2023-10-23
		5	Response time	Program of Pattern Evaluation of Sulfur Hydrogen Gas Detectors JJF1363-2019 9.1.4		2023-10-23
		6	Drift	Program of Pattern Evaluation of Sulfur Hydrogen Gas Detectors JJF1363-2019 9.1.5		2023-10-23
17	Anglyzer for nitrogen oxide	1	Structure and appearance	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 5.2		2023-10-23
				Program on Pattern Evaluation of Chemiluminescent NO/NOx Analyzers JJF 1361-2012 9.1		2023-10-23
		2	indication error	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 6.4	Measuring range：(1～	2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
					2000)μmol/mol	
		3	Alarm error	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 6.5		2023-10-23
		4	Repeatability	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 6.6		2023-10-23
				Program on Pattern Evaluation of Chemiluminescent NO/NOx Analyzers JJF 1361-2012 9.5		2023-10-23
		5	Response time	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 6.9		2023-10-23
				Program on Pattern Evaluation of Chemiluminescent NO/NOx Analyzers JJF 1361-2012 9.6		2023-10-23
		6	Error of Indication	Program on Pattern Evaluation of Chemiluminescent NO/NOx Analyzers JJF 1361-2012 9.4	Measurement range:(1～2000)μmol/mol	2023-10-23
		7	Zero Drift and Span Drift	Program on Pattern Evaluation of Chemiluminescent NO/NOx Analyzers JJF 1361-2012 9.8		2023-10-23
		8	Transforming efficiency of Nitrogen Dioxide	Program on Pattern Evaluation of Chemiluminescent NO/NOx Analyzers JJF 1361-2012 9.7		2023-10-23
18	Detector for sulfur dioxide	1	appearance	Program of Pattern Evaluations of Sulfur Dioxide Gas Detectors JJF1364-2012 9.2.1		2023-10-23
		2	Indication error	Program of Pattern Evaluations of Sulfur Dioxide Gas Detectors JJF1364-2012 9.1.1	Measuring range：(1～500)μmol/mol	2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		3	Repeatability	Program of Pattern Evaluations of Sulfur Dioxide Gas Detectors JJF1364-2012 9.1.2		2023-10-23
		4	Alarm setting error	Program of Pattern Evaluations of Sulfur Dioxide Gas Detectors JJF1364-2012 9.1.3		2023-10-23
		5	Response time	Program of Pattern Evaluations of Sulfur Dioxide Gas Detectors JJF1364-2012 9.1.4		2023-10-23
		6	Drift	Program of Pattern Evaluations of Sulfur Dioxide Gas Detectors JJF1364-2012 9.1.5		2023-10-23
19	Conductivity meter	1	Inherent error	Test method of electrolytic conductivity GB/T 11007-2008 5.4.3		2023-10-23
		2	Repeatability	Test method of electrolytic conductivity GB/T 11007-2008 5.4.4		2023-10-23
		3	Output fluctuation	Test method of electrolytic conductivity GB/T 11007-2008 5.4.5		2023-10-23
		4	stability	Test method of electrolytic conductivity GB/T 11007-2008 5.4.7		2023-10-23
		5	Affect the deviation	Test method of electrolytic conductivity GB/T 11007-2008 5.4.8		2023-10-23
		6	Work error	Test method of electrolytic conductivity GB/T 11007-2008 5.4.9		2023-10-23
		7	Temperature compensator and temperature coefficient compensation error	Test method of electrolytic conductivity GB/T 11007-2008 5.4.10		2023-10-23
		8	Constant compensator error	Test method of electrolytic conductivity GB/T 11007-2008 5.4.11		2023-10-23
20	pH meter	1	Electronic unit basic error	Laboratory pH meter GB/T 11165-2005 5.5		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		2	Instrument basic error	Laboratory pH meter GB/T 11165-2005 5.6		2023-10-23
		3	Electronic unit input current	Laboratory pH meter GB/T 11165-2005 5.7		2023-10-23
		4	Electronic unit input impedance	Laboratory pH meter GB/T 11165-2005 5.8		2023-10-23
		5	Electronic unit temperature compensator error	Laboratory pH meter GB/T 11165-2005 5.9		2023-10-23
		6	Reproducibility of electronic units	Laboratory pH meter GB/T 11165-2005 5.10		2023-10-23
		7	Repeatability of the instrument	Laboratory pH meter GB/T 11165-2005 5.11		2023-10-23
		8	Stability of electronic units	Laboratory pH meter GB/T 11165-2005 5.12		2023-10-23
		9	Variation of influence of power supply voltage on electronic unit	Laboratory pH meter GB/T 11165-2005 5.13		2023-10-23
		10	The influence of ambient temperature on the electronic unit	Laboratory pH meter GB/T 11165-2005 5.14		2023-10-23
21	Visible spectrophotometer	1	Wavelength Accuracy and Wavelength Repeatability	Visible spectrophotometer GB/T 26810-2011 5.2		2023-10-23
		2	Transmission ratio accuracy and transmittance	Visible spectrophotometer GB/T 26810-2011 5.3		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
			repeatability			
		3	Stray light	Visible spectrophotometer GB/T 26810-2011 5.4		2023-10-23
		4	Wavelength edge noise	Visible spectrophotometer GB/T 26810-2011 5.5		2023-10-23
		5	Baseline flatness	Visible spectrophotometer GB/T 26810-2011 5.6		2023-10-23
		6	Baseline dark noise	Visible spectrophotometer GB/T 26810-2011 5.7		2023-10-23
		7	Spectral bandwidth	Visible spectrophotometer GB/T 26810-2011 5.8		2023-10-23
		8	Drift	Visible spectrophotometer GB/T 26810-2011 5.9		2023-10-23
		9	The transmission ratio caused when the supply voltage changes	Visible spectrophotometer GB/T 26810-2011 5.10		2023-10-23
22	Sigle beam uv visible spectrophotometer	1	Wavelength Accuracy and Wavelength Repeatability	Single beam UV/VIS spectrophotometer GB/T 26798-2011 5.2		2023-10-23
		2	Spectral bandwidth	Single beam UV/VIS spectrophotometer GB/T 26798-2011 5.3		2023-10-23
		3	Transmission ratio accuracy and transmittance repeatability	Single beam UV/VIS spectrophotometer GB/T 26798-2011 5.4		2023-10-23
		4	Stray light	Single beam UV/VIS spectrophotometer GB/T 26798-2011 5.5		2023-10-23
		5	Wavelength edge	Single beam UV/VIS spectrophotometer GB/T 26798-2011 5.6		2023-10-23

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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
			noise			
		6	The transmission ratio caused when the supply voltage changes	Single beam UV/VIS spectrophotometer GB/T 26798-2011 5.7		2023-10-23
		7	Baseline flatness	Single beam UV/VIS spectrophotometer GB/T 26798-2011 5.8		2023-10-23
		8	Baseline dark noise	Single beam UV/VIS spectrophotometer GB/T 26798-2011 5.9		2023-10-23
		9	Drift	Single beam UV/VIS spectrophotometer GB/T 26798-2011 5.10		2023-10-23
23	Double beam uv visible spectrophotometer	1	Wavelength Accuracy and Wavelength Repeatability	Double beam UV/VIS spectrophotometer GB/T 26813-2011 5.2		2023-10-23
		2	Spectral bandwidth	Double beam UV/VIS spectrophotometer GB/T 26813-2011 5.3		2023-10-23
		3	Transmission ratio accuracy and transmittance repeatability	Double beam UV/VIS spectrophotometer GB/T 26813-2011 5.4		2023-10-23
		4	Stray light	Double beam UV/VIS spectrophotometer GB/T 26813-2011 5.5		2023-10-23
		5	The transmission ratio caused when the supply voltage changes	Double beam UV/VIS spectrophotometer GB/T 26813-2011 5.6		2023-10-23
		6	Baseline flatness	Double beam UV/VIS spectrophotometer GB/T 26813-2011 5.7		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		7	Baseline dark noise	Double beam UV/VIS spectrophotometer GB/T 26813-2011 5.8		2023-10-23
		8	Drift	Double beam UV/VIS spectrophotometer GB/T 26813-2011 5.9		2023-10-23
		9	Wavelength edge noise	Double beam UV/VIS spectrophotometer GB/T 26813-2011 5.10		2023-10-23
24	Atomic absorption spectrophotometer	1	Wavelength Accuracy and Wavelength Repeatability	Atomic absorption spectrophotometer GB/T 21187-2007 4.2		2023-10-23
		2	Resolution	Atomic absorption spectrophotometer GB/T 21187-2007 4.3		2023-10-23
		3	Baseline stability	Atomic absorption spectrophotometer GB/T 21187-2007 4.4		2023-10-23
		4	Sensitivity	Atomic absorption spectrophotometer GB/T 21187-2007 4.5		2023-10-23
		5	The detection limit	Atomic absorption spectrophotometer GB/T 21187-2007 4.6		2023-10-23
		6	Repeatability	Atomic absorption spectrophotometer GB/T 21187-2007 4.7		2023-10-23
		7	Absorbance error	Atomic absorption spectrophotometer GB/T 21187-2007 4.8		2023-10-23
		8	Edge wavelength noise	Atomic absorption spectrophotometer GB/T 21187-2007 4.9		2023-10-23
		9	Background correction capability	Atomic absorption spectrophotometer GB/T 21187-2007 4.10		2023-10-23
		10	Slot shift positioning error	Atomic absorption spectrophotometer GB/T 21187-2007 4.11		2023-10-23
25	Fluorescence spectrophotometer	1	appearance	Peogram of Pattern Evaluation of Fluorescence Spectrophotometers JJF1382-2012 9.2.1		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		2	Wavelength Indication Error	Peogram of Pattern Evaluation of Fluorescence Spectrophotometers JJF1382-2012 9.5,9.6		2023-10-23
		3	Wavelength repeatability	Peogram of Pattern Evaluation of Fluorescence Spectrophotometers JJF1382-2012 9.5		2023-10-23
		4	Sensitivity	Peogram of Pattern Evaluation of Fluorescence Spectrophotometers JJF1382-2012 9.7		2023-10-23
		5	Linear measurement	Peogram of Pattern Evaluation of Fluorescence Spectrophotometers JJF1382-2012 9.8		2023-10-23
		6	Repeatability of peak intensity of fluorescence spectra	Peogram of Pattern Evaluation of Fluorescence Spectrophotometers JJF1382-2012 9.9		2023-10-23
		7	Stability	Peogram of Pattern Evaluation of Fluorescence Spectrophotometers JJF1382-2012 9.10		2023-10-23
26	Fourier infrared spectrometer	1	Background spectral energy distribution	Fourier transform infrared spectrometer GB/T 21186-2007 4.2		2023-10-23
		2	100% t line tilt range	Fourier transform infrared spectrometer GB/T 21186-2007 4.3		2023-10-23
		3	100% t line noise	Fourier transform infrared spectrometer GB/T 21186-2007 4.4		2023-10-23
		4	Transmittance of transmittance	Fourier transform infrared spectrometer GB/T 21186-2007 4.5		2023-10-23
		5	Resolution	Fourier transform infrared spectrometer GB/T 21186-2007 4.6		2023-10-23
		6	Wave number accuracy	Fourier transform infrared spectrometer GB/T 21186-2007 4.7		2023-10-23
		7	Wave number repeatability	Fourier transform infrared spectrometer GB/T 21186-2007 4.8		2023-10-23
		8	Insulation resistance	Fourier transform infrared spectrometer GB/T 21186-2007 4.9.2		2023-10-23
		9	Leakage current	Fourier transform infrared spectrometer GB/T 21186-2007		2023-10-23

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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
				4.9.3		
27	Smoke and dust meters	1	Sampler appearance	Smoke and dust sampler technical conditions HJ/T 48-1999 9.3.1		2023-10-23
				Program of Pattern Evaluation of Samplers for Stack Dust JJF1332-2011 9.9		2023-10-23
		2	Air tightness	Smoke and dust sampler technical conditions HJ/T 48-1999 9.3.2		2023-10-23
				Program of Pattern Evaluation of Samplers for Stack Dust JJF1332-2011 9.10		2023-10-23
		3	Insulation resistance	Smoke and dust sampler technical conditions HJ/T 48-1999 9.3.3		2023-10-23
		4	Timing error	Smoke and dust sampler technical conditions HJ/T 48-1999 9.3.4		2023-10-23
				Program of Pattern Evaluation of Samplers for Stack Dust JJF1332-2011 9.3		2023-10-23
		5	Instrument noise	Smoke and dust sampler technical conditions HJ/T 48-1999 9.3.5		2023-10-23
				Program of Pattern Evaluation of Samplers for Stack Dust JJF1332-2011 9.22		2023-10-23
		6	Measurement error	Smoke and dust sampler technical conditions HJ/T 48-1999 9.3.8		2023-10-23
		7	Isochronous tracking response time	Smoke and dust sampler technical conditions HJ/T 48-1999 9.3.9		2023-10-23
				Program of Pattern Evaluation of Samplers for Stack Dust JJF1332-2011 9.7		2023-10-23
		8	Isochronous tracking response time	Smoke and dust sampler technical conditions HJ/T 48-1999 9.3.10		2023-10-23
				Program of Pattern Evaluation of Samplers for Stack Dust JJF1332-2011 9.8		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		9	Traffic indication error	Program of Pattern Evaluation of Samplers for Stack Dust JJF1332-2011 9.1		2023-10-23
		10	Flow stability	Program of Pattern Evaluation of Samplers for Stack Dust JJF1332-2011 9.2		2023-10-23
		11	Temperature indication error	Program of Pattern Evaluation of Samplers for Stack Dust JJF1332-2011 9.4		2023-10-23
		12	Pressure indication error	Program of Pattern Evaluation of Samplers for Stack Dust JJF1332-2011 9.5		2023-10-23
		13	Zero drift of pressure	Program of Pattern Evaluation of Samplers for Stack Dust JJF1332-2011 9.6		2023-10-23
		14	Extraction ability	Program of Pattern Evaluation of Samplers for Stack Dust JJF1332-2011 9.11		2023-10-23
28	Dust sampler	1	Appearance and structure	Dust sampler GB/T 20964-2007 5.3		2023-10-23
				Program of Pattern Evaluation of Dust Samplers JJF1162-2006 10.2.1		2023-10-23
		2	Sampling flow	Dust sampler GB/T 20964-2007 5.4		2023-10-23
		3	Sampling flow error	Dust sampler GB/T 20964-2007 5.4		2023-10-23
				Program of Pattern Evaluation of Dust Samplers JJF1162-2006 10.2.2		2023-10-23
		4	Sampling flow stability	Dust sampler GB/T 20964-2007 5.5		2023-10-23
				Program of Pattern Evaluation of Dust Samplers JJF1162-2006 10.2.3		2023-10-23
		5	load capacity	Dust sampler GB/T 20964-2007 5.6		2023-10-23
				Program of Pattern Evaluation of Dust Samplers JJF1162-2006 10.2.4		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		6	Continuous working time	Dust sampler GB/T 20964-2007 5.7		2023-10-23
				Program of Pattern Evaluation of Dust Samplers JJF1162-2006 10.2.5		2023-10-23
		7	Working noise	Dust sampler GB/T 20964-2007 5.8		2023-10-23
				Program of Pattern Evaluation of Dust Samplers JJF1162-2006 10.2.6		2023-10-23
		8	Sampling head airtightness	Dust sampler GB/T 20964-2007 5.9		2023-10-23
				Program of Pattern Evaluation of Dust Samplers JJF1162-2006 10.2.7		2023-10-23
		9	Flow meter accuracy	Dust sampler GB/T 20964-2007 5.10		2023-10-23
				Program of Pattern Evaluation of Dust Samplers JJF1162-2006 10.2.8		2023-10-23
		10	Sampling time error	Dust sampler GB/T 20964-2007 5.11		2023-10-23
				Program of Pattern Evaluation of Dust Samplers JJF1162-2006 10.2.9		2023-10-23
		11	Sampling volume display error	Dust sampler GB/T 20964-2007 5.12		2023-10-23
				Program of Pattern Evaluation of Dust Samplers JJF1162-2006 10.2.10		2023-10-23
		12	Insulation resistance	Dust sampler GB/T 20964-2007 5.13		2023-10-23
		13	Dielectric strength	Dust sampler GB/T 20964-2007 5.13		2023-10-23
		14	Sampling flow rate	Dust sampler GB/T 20964-2007 5.14		2023-10-23
		15	Sampling accuracy	Dust sampler GB/T 20964-2007 5.15		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
29	Atmospleric sampler	1	Gas system inspection	Technigue requirement adn test procedures for ambient air sampler HJ/T 375-2007 6.3.2		2023-10-23
		2	Detection of sampling flow stability	Technigue requirement adn test procedures for ambient air sampler HJ/T 375-2007 6.3.3		2023-10-23
				Program of Pattern Evaluation of Air Samplers JJF1404-2013 8.1.3		2023-10-23
		3	Detection of time control	Technigue requirement adn test procedures for ambient air sampler HJ/T 375-2007 6.3.4		2023-10-23
		4	Noise detection	Technigue requirement adn test procedures for ambient air sampler HJ/T 375-2007 6.3.5		2023-10-23
				Program of Pattern Evaluation of Air Samplers JJF1404-2013 8.2.5		2023-10-23
		5	Insulation performance testing	Technigue requirement adn test procedures for ambient air sampler HJ/T 375-2007 6.3.6		2023-10-23
		6	Detection of air tightness	Technigue requirement adn test procedures for ambient air sampler HJ/T 375-2007 6.3.7		2023-10-23
				Program of Pattern Evaluation of Air Samplers JJF1404-2013 6.2		2023-10-23
		7	Detection of absorption bottles	Technigue requirement adn test procedures for ambient air sampler HJ/T 375-2007 6.3.8		2023-10-23
		8	Detection of MTBF	Technigue requirement adn test procedures for ambient air sampler HJ/T 375-2007 6.3.9		2023-10-23
		9	Routine inspection	Program of Pattern Evaluation of Air Samplers JJF1404-2013 6.1		2023-10-23
		10	Flow rate indication error	Program of Pattern Evaluation of Air Samplers JJF1404-2013 8.1.1		2023-10-23
		11	Flow repeatability	Program of Pattern Evaluation of Air Samplers JJF1404-2013 8.1.2		2023-10-23
		12	Timing error	Program of Pattern Evaluation of Air Samplers JJF1404-2013 8.1.4		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		13	Temperature control stability	Program of Pattern Evaluation of Air Samplers JJF1404-2013 8.1.5		2023-10-23
		14	Temperature indication error	Program of Pattern Evaluation of Air Samplers JJF1404-2013 8.1.6		2023-10-23
30	Ammonia automatic analyzer	1	Repeatability error	Technical specifications and test procedures for water quality on-line automatic monitoring equipment of ammonia HJ/T 101-2019 8.4.1 8.5.1		2023-10-23
		2	Zero drift	Technical specifications and test procedures for water quality on-line automatic monitoring equipment of ammonia HJ/T 101-2019 8.4.2 8.5.2		2023-10-23
		3	Range drift	Technical specifications and test procedures for water quality on-line automatic monitoring equipment of ammonia HJ/T 101-2019 8.4.3 8.5.3		2023-10-23
		4	Response time	Technical specifications and test procedures for water quality on-line automatic monitoring equipment of ammonia HJ/T 101-2019 8.4.4		2023-10-23
		5	Temperature compensation accuracy	Technical specifications and test procedures for water quality on-line automatic monitoring equipment of ammonia HJ/T 101-2019 8.4.5		2023-10-23
		6	Average trouble-free continuous running time	Technical specifications and test procedures for water quality on-line automatic monitoring equipment of ammonia HJ/T 101-2019 8.4.6 8.5.5		2023-10-23
		7	Actual water sample comparison	Technical specifications and test procedures for water quality on-line automatic monitoring equipment of ammonia HJ/T 101-2019 8.4.7 8.56		2023-10-23
		8	Linearity	Technical specifications and test procedures for water quality on-line automatic monitoring equipment of ammonia HJ/T 101-2019 8.5.4		2023-10-23
31	Total organic cabon analyzer	1	Repeatability error	The technical requirement for water quality automatic analyzer of total organic carbon HJ/T 104-2003 9.4.1		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		2	Zero error	The technical requirement for water quality automatic analyzer of total organic carbon HJ/T 104-2003 9.4.2		2023-10-23
		3	Range drift	The technical requirement for water quality automatic analyzer of total organic carbon HJ/T 104-2003 9.4.3		2023-10-23
		4	Linearity	The technical requirement for water quality automatic analyzer of total organic carbon HJ/T 104-2003 9.4.4		2023-10-23
		5	Response time	The technical requirement for water quality automatic analyzer of total organic carbon HJ/T 104-2003 9.4.5		2023-10-23
		6	Insulation resistance	The technical requirement for water quality automatic analyzer of total organic carbon HJ/T 104-2003 9.4.9		2023-10-23
32	Ion meter	1	Basic error	Test method of pH meters and ion meters JB/T 6858-2018 5.6		2023-10-23
		2	input current	Test method of pH meters and ion meters JB/T 6858-2018 5.7		2023-10-23
		3	input impedance	Test method of pH meters and ion meters JB/T 6858-2018 5.8		2023-10-23
		4	Repeatability	Test method of pH meters and ion meters JB/T 6858-1993 5.9		2023-10-23
		5	Electronic unit stability	Test method of pH meters and ion meters JB/T 6858-2018 5.10		2023-10-23
		6	Temperature compensation error	Test method of pH meters and ion meters JB/T 6858-2018 5.11		2023-10-23
		7	Electronic unit output current error	Test method of pH meters and ion meters JB/T 6858-2018 5.12		2023-10-23
		8	Input common mode rejection ratio	Test method of pH meters and ion meters JB/T 6858-2018 5.13		2023-10-23
		9	Response time	Test method of pH meters and ion meters JB/T 6858-2018 5.14		2023-10-23
		10	Affect the error	Test method of pH meters and ion meters JB/T 6858-2018 5.15		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		11	Work error	Test method of pH meters and ion meters JB/T 6858-2018 5.16		2023-10-23
33	Detector for breath alcohol	1	Indication Error	Breath alcohol analyzer GB/T21254-2017 5.9		2023-10-23
				P.P.E.of Breath alcohol analyzers JJF1785-2019 9.3.1	Measurement range: (0.01～2.50)mg/L	2023-10-23
		2	Repeatability	Breath alcohol analyzer GB/T21254-2017 5.10		2023-10-23
				P.P.E.of Breath alcohol analyzers JJF1785-2019 9.3.2		2023-10-23
		3	drift	Breath alcohol analyzer GB/T21254-2017 5.11		2023-10-23
				P.P.E.of Breath alcohol analyzers JJF1785-2019 9.3.3		2023-10-23
		4	Memory effect and residual effect	Breath alcohol analyzer GB/T21254-2017 5.12		2023-10-23
				P.P.E.of Breath alcohol analyzers JJF1785-2019 9.3.11		2023-10-23
		5	Unit of measurement conversion	P.P.E.of Breath alcohol analyzers JJF1785-2019 9.3.4-9.3.6		2023-10-23
		6	Interference capability	P.P.E.of Breath alcohol analyzers JJF1785-2019 9.3.7		2023-10-23
		7	The last part is discarded	P.P.E.of Breath alcohol analyzers JJF1785-2019 9.3.6		2023-10-23
		8	Minimum flow rata and minimum duration of breath	P.P.E.of Breath alcohol analyzers JJF1785-2019 9.3.8-9.3.9		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		9	Expiratory resistance	P.P.E.of Breath alcohol analyzers JJF1785-2019 9.3.10		2023-10-23
		10	Minimum breath volume	P.P.E.of Breath alcohol analyzers JJF1785-2019 9.3.12		2023-10-23
		11	Continuous call-out time effect	P.P.E.of Breath alcohol analyzers JJF1785-2019 9.3.13		2023-10-23
		12	Breath volume effect	P.P.E.of Breath alcohol analyzers JJF1785-2019 9.3.14		2023-10-23
		13	Zero reset	P.P.E.of Breath alcohol analyzers JJF1785-2019 9.3.15		2023-10-23
		14	Long-term stability	P.P.E.of Breath alcohol analyzers JJF1785-2019 9.3.18		2023-10-23
34	Non dispersion atomic fluorescence spectrometer	1	Baseline stability	Atomic fluorescence spectrometer GB/T21191-2007 5.2		2023-10-23
		2	The detection limit	Atomic fluorescence spectrometer GB/T21191-2007 5.3		2023-10-23
		3	Repeatability	Atomic fluorescence spectrometer GB/T21191-2007 5.4		2023-10-23
		4	Calibration curve linearity	Atomic fluorescence spectrometer GB/T21191-2007 5.5		2023-10-23
		5	Channel interference	Atomic fluorescence spectrometer GB/T21191-2007 5.6		2023-10-23
		6	Insulation resistance	Atomic fluorescence spectrometer GB/T21191-2007 5.8.1.1		2023-10-23
		7	Dielectric strength	Atomic fluorescence spectrometer GB/T21191-2007 5.8.1.2		2023-10-23
35	Oxygen meter	1	Structure and appearance	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 5.2		2023-10-23
		2	Error of test	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 6.4	Measuring range: (0.1～	2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
					100)%	
		3	Alarm error	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 6.5		2023-10-23
		4	Repeatabilyth	he technical reqirement forwater quality automaticdissolved oxygen GB 12358-2006 6.6		2023-10-23
		5	Response time	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 6.9		2023-10-23
36	Water quality analyzer for total phosphorus	1	Repeatability error	The technical requirement for water quality automatic analyzer of total phosphorous HJ/T103-2003 8.4.1		2023-10-23
		2	Zero drift	The technical requirement for water quality automatic analyzer of total phosphorous HJ/T103-2003 8.4.2		2023-10-23
		3	Range drift	The technical requirement for water quality automatic analyzer of total phosphorous HJ/T103-2003 8.4.3		2023-10-23
		4	Linearity	The technical requirement for water quality automatic analyzer of total phosphorous HJ/T103-2003 8.4.4		2023-10-23
		5	Average trouble-free continuous running time	The technical requirement for water quality automatic analyzer of total phosphorous HJ/T103-2003 8.4.5		2023-10-23
		6	Actual water sample comparison	The technical requirement for water quality automatic analyzer of total phosphorous HJ/T103-2003 8.4.6		2023-10-23
		7	Relative to voltage fluctuation stability	The technical requirement for water quality automatic analyzer of total phosphorous HJ/T103-2003 8.4.7		2023-10-23
		8	Insulation resistance	The technical requirement for water quality automatic analyzer of total phosphorous HJ/T103-2003 8.4.8		2023-10-23
37	Water quality analyzer for total nitrogen	1	Zero drift	The technical reqirement for water quality automatic ananlyzer of total phosphorous HJ/T102-2003 8.4.2		2023-10-23
		2	Range drift	The technical reqirement for water quality automatic ananlyzer of total phosphorous HJ/T102-2003 8.4.3		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		3	Average trouble-free continuous running time	The technical reqirement for water quality automatic ananlyzer of total phosphorous HJ/T102-2003 8.4.5		2023-10-23
38	Formaldehyde gas detector	1	Appearance	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 6.2		2023-10-23
		2	Error of test	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 6.4		2023-10-23
		3	Alarm error	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 6.5		2023-10-23
		4	Response time	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 6.9		2023-10-23
		5	Repeatabilyth	he technical reqirement forwater quality automaticdissolved oxygen GB 12358-2006 6.6		2023-10-23
39	water quality automatic dissolved oxygen	1	Zero drift	The technical reqirement for water quality automatic dissolved oxygen HJ/T 99-2003 8.3.2		2023-10-23
		2	Range drift	The technical reqirement for water quality automatic dissolved oxygen HJ/T 99-2003 8.3.3		2023-10-23
		3	Response time	The technical reqirement for water quality automatic dissolved oxygen HJ/T 99-2003 8.3.4		2023-10-23
		4	Repeatability	The technical reqirement for water quality automatic dissolved oxygen HJ/T 99-2003 8.3.1		2023-10-23
40	Dust particle counter	1	Sampling air flow	Performance test method of dust particle counter GB/T 6167-2007 6.3.2		2023-10-23
		2	Pseudo count	Performance test method of dust particle counter GB/T 6167-2007 6.3.3		2023-10-23
		3	Count response	Performance test method of dust particle counter GB/T 6167-2007 6.3.4		2023-10-23
		4	Counting efficiency	Performance test method of dust particle counter GB/T 6167-2007 6.3.7		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
41	Total suspended particulate	1	General performance	Technical requirements and testing methods of total suspended particulate HJ/T 374-2007 8.3		2023-10-23
		2	Sampling time control and timing error	Technical requirements and testing methods of total suspended particulate HJ/T 374-2007 8.4		2023-10-23
		3	Inspector Insulation Performance	Technical requirements and testing methods of total suspended particulate HJ/T 374-2007 8.5		2023-10-23
		4	Sampler noise	Technical requirements and testing methods of total suspended particulate HJ/T 374-2007 8.6		2023-10-23
		5	Mean time to failure	Technical requirements and testing methods of total suspended particulate HJ/T 374-2007 8.7		2023-10-23
		6	Appearance	Program of Pattern Evaluation of Total Suspended Particulates Samplers JJF1736-2018 6.1		2023-10-23
		7	Flow rate indication error	Program of Pattern Evaluation of Total Suspended Particulates Samplers JJF1736-2018 9.1		2023-10-23
		8	Flow repeatability	Program of Pattern Evaluation of Total Suspended Particulates Samplers JJF1736-2018 9.2		2023-10-23
		9	Flow stability	Program of Pattern Evaluation of Total Suspended Particulates Samplers JJF1736-2018 9.3		2023-10-23
		10	Timing error	Program of Pattern Evaluation of Total Suspended Particulates Samplers JJF1736-2018 9.4		2023-10-23
		11	Temperature indication error	Program of Pattern Evaluation of Total Suspended Particulates Samplers JJF1736-2018 9.5		2023-10-23
		12	Atmospheric pressure indication error	Program of Pattern Evaluation of Total Suspended Particulates Samplers JJF1736-2018 9.6		2023-10-23
		13	Inlet size deviation	Program of Pattern Evaluation of Total Suspended Particulates Samplers JJF1736-2018 9.7		2023-10-23
		14	Load capacity	Program of Pattern Evaluation of Total Suspended Particulates Samplers JJF1736-2018 9.8		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
42	Turbidimeters	1	Repeatability	The technical requirement for water quality automatic analyzer of turbidity HJ/T 98-2003 8.3.1		2023-10-23
		2	Zero drift	The technical requirement for water quality automatic analyzer of turbidity HJ/T 98-2003 8.3.2		2023-10-23
		3	Span Drift	The technical requirement for water quality automatic analyzer of turbidity HJ/T 98-2003 8.3.3		2023-10-23
		4	Linear error	The technical requirement for water quality automatic analyzer of turbidity HJ/T 98-2003 8.3.4		2023-10-23
		5	Average trouble-free continuous running time	The technical requirement for water quality automatic analyzer of turbidity HJ/T 98-2003 8.3.5		2023-10-23
		6	Actual water samples comparison test	The technical requirement for water quality automatic analyzer of turbidity HJ/T 98-2003 8.3.6		2023-10-23
		7	Voltage stability	The technical requirement for water quality automatic analyzer of turbidity HJ/T 98-2003 8.3.7		2023-10-23
43	analyzers for oil content in water	1	Appearance	Program of patterm evaluation of analyxers for oil content in tater JJF1348-2012 9.1		2023-10-23
		2	Error of indication	Program of patterm evaluation of analyxers for oil content in tater JJF1348-2012 9.4.1		2023-10-23
		3	Repentability	General technical requirements for analytical instruments JJF1348-2012 9.4.2		2023-10-23
		4	Drift	General technical requirements for analytical instruments JJF1348-2012 9.4.3		2023-10-23
		5	The cletection limited	General technical requirements for analytical instruments JJF1348-2012 9.4.4		2023-10-23
		6	Correlation corfficient	General technical requirements for analytical instruments JJF1348-2012 9.4.5		2023-10-23
44	chemical oxygen	1	Appearance	Chemical oxygen demand COD meters GB/T32208-2015 6.2	Online type、	2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
	demand COD meters				Laboratory type	
		2	Indication error of temperature (spectrophotometric method)	Chemical oxygen demand COD meters GB/T32208-2015 6.3.2	Laboratory type	2023-10-23
		3	Uniformity of temperature field (spectrophotometric method)	Chemical oxygen demand COD meters GB/T32208-2015 6.3.2	Laboratory type	2023-10-23
		4	Indication error of digestion time (spectrophotometric method)	Chemical oxygen demand COD meters GB/T32208-2015 6.3.3	Laboratory type	2023-10-23
		5	Indication error	Chemical oxygen demand COD meters GB/T32208-2015 6.3.4	Online type、Laboratory type	2023-10-23
		6	Zero drift	Chemical oxygen demand COD meters GB/T32208-2015 6.3.5	Online type	2023-10-23
		7	Span Drift	chemical oxygen demand COD meters GB/T32208-2015 6.3.6	Online type	2023-10-23
		8	Stability (spectrophotometric method)	Chemical oxygen demand COD meters GB/T32208-2015 6.3.7	Laboratory type	2023-10-23
		9	Repeatability	Chemical oxygen demand COD meters GB/T32208-2015 6.3.8	Online type、Laboratory type	2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		10	Influence of environmental temperature	Chemical oxygen demand COD meters GB/T32208-2015 6.3.9	Online type	2023-10-23
		11	Power supply voltage variation	Chemical oxygen demand COD meters GB/T32208-2015 6.3.10	Online type、Laboratory type	2023-10-23
		12	Chloride interference	Chemical oxygen demand COD meters GB/T32208-2015 6.3.11	Online type、Laboratory type	2023-10-23
		13	Memory effect	Chemical oxygen demand COD meters GB/T32208-2015 6.3.12	Online type	2023-10-23
45	Ozone Gas Analyzers	1	Structure and appearance	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 5.2		2023-10-23
		2	Error of test	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 6.4	Measuring range：(0.1～300) μmol/mol	2023-10-23
		3	Alarm error	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 6.5		2023-10-23
		4	Response time	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 6.9		2023-10-23
		5	Repeatabilyth	he technical reqirement forwater quality automaticdissolved oxygen GB 12358-2006 6.6		2023-10-23
46	Chlorine Alarm Detectors	1	Structure and appearance	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 5.2		2023-10-23
		2	Error of test	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 6.4	Mesuring range：(0.1～	2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
					100)μmol/mol	
		3	Alarm error	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 6.5		2023-10-23
		4	Response time	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 6.9		2023-10-23
		5	Repeatabilyth	he technical reqirement forwater quality automaticdissolved oxygen GB 12358-2006 6.6		2023-10-23
47	Ammonia Gas Detectors	1	Structure and appearance	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 5.2		2023-10-23
		2	Error of test	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 6.4	Measuring range:(0.1～100)μmol/mol	2023-10-23
		3	Alarm error	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 6.5		2023-10-23
		4	Response time	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 6.9		2023-10-23
		5	Repeatabilyth	he technical reqirement forwater quality automaticdissolved oxygen GB 12358-2006 6.6		2023-10-23
48	Micro Oxygen Analyzers	1	Structure and appearance	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 5.2		2023-10-23
		2	Error of test	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 6.4	Measuring range:(10～1000)μmol/mol	2023-10-23
		3	Alarm error	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 6.5		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		4	Response time	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 6.9		2023-10-23
		5	Repeatabilyth	he technical reqirement forwater quality automaticdissolved oxygen GB 12358-2006 6.6		2023-10-23
49	Trace Benzene Series Gas Detectors	1	Structure and appearance	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 5.2		2023-10-23
		2	Error of test	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 6.4		2023-10-23
		3	Alarm error	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 6.5		2023-10-23
		4	Response time	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 6.9		2023-10-23
		5	Repeatabilyth	he technical reqirement forwater quality automaticdissolved oxygen GB 12358-2006 6.6		2023-10-23
50	Sulfur hexafluoride environment monitoring system	1	Appearance	SF_6 environment monitoring system for high voltage combined electrical appliance JB/T 10893-2008 6.2		2023-10-23
		2	Concentration of SF_6 gas	SF_6 environment monitoring system for high voltage combined electrical appliance JB/T 10893-2008 5.4.1.1	Measuring range: (1～1500) μmol/mol	2023-10-23
		3	Concentration of O_2	SF_6 environment monitoring system for high voltage combined electrical appliance JB/T 10893-2008 5.4.1.2	Measuring range: (1～25)%	2023-10-23
		4	Alarm	SF_6 environment monitoring system for high voltage combined electrical appliance JB/T 10893-2008 5.4.2		2023-10-23
51	Decomposition Poducts in Sulfur Hexafluoride	1	Appearance	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 6.2		2023-10-23
		2	Error of test	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 6.4	Measuring range:	2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
	Analyzers				SO2:(1～50) μmol/mol ;CO:(1～150) μmol/mol; H2S:(1～50) μmol/mol	
		3	Alarm error	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 6.5		2023-10-23
		4	Response time	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 6.9		2023-10-23
		5	Repeatabilyth	he technical reqirement forwater quality automaticdissolved oxygen GB 12358-2006 6.6		2023-10-23
52	Remote Sensing Type Automobile Exhaust Gas Detector	1	Response time	General technical requirements of remote sensing equipmentor motor vehicle exhaust JB/T 11996-2014 6.2		2023-10-23
		2	Indication error	General technical requirements of remote sensing equipmentor motor vehicle exhaust JB/T 11996-2014 6.3		2023-10-23
		3	Repeatability	General technical requirements of remote sensing equipmentor motor vehicle exhaust JB/T 11996-2014 6.4		2023-10-23
		4	Stability	General technical requirements of remote sensing equipmentor motor vehicle exhaust JB/T 11996-2014 6.5		2023-10-23
53	Halogen Gas Leak Detector	1		Halogen gas leak detector GB/T 31473-2015 8.3.4		2023-10-23
		2	indication error	Halogen gas leak detector GB/T 31473-2015 5.5.1	Measuring range：(1～10)g/a 或 (1～100)	2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
					μmol/mol	
		3	Repeatability	Halogen gas leak detector GB/T 31473-2015 5.5.2		2023-10-23
		4	Stability	Halogen gas leak detector GB/T 31473-2015 5.5.3		2023-10-23
		5	Alarm point	Halogen gas leak detector GB/T 31473-2015 5.5.6		2023-10-23
54	Helium Gas Leak Detector	1	Appearance requirement	Mass spectrometer leak detector GB/T 13979-2008 3.2		2023-10-23
		2	Security test	Mass spectrometer leak detector GB/T 13979-2008 4.3		2023-10-23
		3	Systematic error of leakag rate	Mass spectrometer leak detector GB/T 13979-2008 4.5	Measuring range: (0～10)×10^{-5}mbar L/s	2023-10-23
		4	Alarm function	Mass spectrometer leak detector GB/T 13979-2008 4.6		2023-10-23
55	Illuminators	1	Luminance	Non-destructive testing-Indusrial radiographic illuminators minimum requirements GB/T 19802-2005 2.3	Only for: (100~2000 000) cd/m^2	2023-10-23
		2	Luminance Uniformity	Non-destructive testing-Indusrial radiographic illuminators minimum requirements GB/T 19802-2005 2.6		2023-10-23
56	Flue Gas Analyzer	1	Appearance	Program of pattern evaluation of flue gas analyzers JJF 1362-2012 9.1		2023-10-23
		2	Error of indication	Program of pattern evaluation of flue gas analyzers JJF 1362-2012 9.4	Measurement range: O_2: (0.01～	2023-10-23

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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
					25)×10-2mol/mol；CO:(1～2000)μmol/mol；SO_2:(1～2000)μmol/mol；NO:(1～2000)μmol/mol；NO_2:(1～200)μmol/mol	
		3	Repeatability	Program of pattern evaluation of flue gas analyzers JJF 1362-2012 9.5		2023-10-23
		4	Response time	Program of pattern evaluation of flue gas analyzers JJF 1362-2012 9.6		2023-10-23
		5	Stability	Program of pattern evaluation of flue gas analyzers JJF 1362-2012 9.7		2023-10-23
		6	Maximum flow	Program of pattern evaluation of flue gas analyzers JJF 1362-2012 9.8		2023-10-23
57	Carbon Monoxide and Carbon Dioxide Infrared Gas Analyzers	1	Appearance	Program of pattern evaluation of Carbon Monoxide and Carbon Dioxide Infrared Gas Analyzers JJF 1523-2015 9.2.1		2023-10-23
		2	Error of indication	Program of pattern evaluation of Carbon Monoxide and Carbon Dioxide Infrared Gas Analyzers JJF 1523-2015 9.1.1	Measurement range: CO:(0.1～200)μmol/mol；	2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
					CO_2:(0.01～20)×10^{-2}mol/mol	
		3	Repeatability	Program of pattern evaluation of Carbon Monoxide and Carbon Dioxide Infrared Gas Analyzers JJF 1523-2015 9.1.2		2023-10-23
		4	Response time	Program of pattern evaluation of Carbon Monoxide and Carbon Dioxide Infrared Gas Analyzers JJF 1523-2015 9.1.3		2023-10-23
		5	Drift	Program of pattern evaluation of Carbon Monoxide and Carbon Dioxide Infrared Gas Analyzers JJF 1523-2015 9.1.4		2023-10-23
		6	Interference error of unmeasured component	Program of pattern evaluation of Carbon Monoxide and Carbon Dioxide Infrared Gas Analyzers JJF 1523-2015 9.1.5		2023-10-23
		7	Airtightness of gas path	Program of pattern evaluation of Carbon Monoxide and Carbon Dioxide Infrared Gas Analyzers JJF 1523-2015 9.2.2		2023-10-23
58	Pattern Evaluation Of Opacimeters	1	Appearance and structure	Program of pattern evaluation of opacimeters JJF 1482-2014 7.1.1,7.1.2		2023-10-23
		2	Drift of absorptance N	Program of pattern evaluation of opacimeters JJF 1482-2014 10.1.1		2023-10-23
		3	indication error Of absorptance N	Program of pattern evaluation of opacimeters JJF 1482-2014 10.1.1		2023-10-23
		4	Repeatability of absorptance N	Program of pattern evaluation of opacimeters JJF 1482-2014 10.1.1		2023-10-23
		5	Inconsistency of absorption coefficient k	Program of pattern evaluation of opacimeters JJF 1482-2014 10.1.1		2023-10-23
		6	Standard effective optical path length Ls	Program of pattern evaluation of opacimeters JJF 1482-2014 10.1.2		2023-10-23
		7	Response time of the measurement	Program of pattern evaluation of opacimeters JJF 1482-2014 10.1.3		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
			circuit			
		8	Error of indication for flue gas temperature	Program of pattern evaluation of opacimeters JJF 1482-2014 10.1.4		2023-10-23
		9	Error of indication for oil temperature	Program of pattern evaluation of opacimeters JJF 1482-2014 10.1.5		2023-10-23
		10	Error of indication for rotationl speed	Program of pattern evaluation of opacimeters JJF 1482-2014 10.1.6		2023-10-23
59	Trial Case Lenses	1	Basic configuration requirement	Program of Pattern Evaluation of Trial Case Lense JJF 1772-2019 7.2		2023-10-23
		2	Tolerance of vertex power	Program of Pattern Evaluation of Trial Case Lense JJF 1772-2019 6.2		2023-10-23
		3	Tolerance of optical center displacement	Program of Pattern Evaluation of Trial Case Lense JJF 1772-2019 6.3		2023-10-23
		4	Tolerance of cylinder axis	Program of Pattern Evaluation of Trial Case Lense JJF 1772-2019 6.4		2023-10-23
		5	Tolerance of prism baseline	Program of Pattern Evaluation of Trial Case Lense JJF 1772-2019 6.5		2023-10-23
Ⅵ Radio Measurement						
1	Building LAN Wire System	1	Wire Map	Code for engineering acceptance of generic cabling system for building and campus GB/T50312-2016 Annex B		2023-10-23
		2	Length	Code for engineering acceptance of generic cabling system for building and campus GB/T50312-2016 Annex B		2023-10-23
		3	Attenuation	Code for engineering acceptance of generic cabling system for building and campus GB/T50312-2016 Annex B		2023-10-23
		4	NEXT	Code for engineering acceptance of generic cabling system for building and campus GB/T50312-2016 Annex B		2023-10-23
		5	Propagation Delay	Code for engineering acceptance of generic cabling system for		2023-10-23

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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
				building and campus GB/T50312-2016 Annex B		
		6	Delay Skew	Code for engineering acceptance of generic cabling system for building and campus GB/T50312-2016 Annex B		2023-10-23
		7	Return Lose	Code for engineering acceptance of generic cabling system for building and campus GB/T50312-2016 Annex B		2023-10-23
		8	Impedance	Code for engineering acceptance of generic cabling system for building and campus GB/T50312-2016 Annex B		2023-10-23
		9	ACR	Code for engineering acceptance of generic cabling system for building and campus GB/T50312-2016 Annex B		2023-10-23
		10	ELFEXT	Code for engineering acceptance of generic cabling system for building and campus GB/T50312-2016 Annex B		2023-10-23
		11	PSACR	Code for engineering acceptance of generic cabling system for building and campus GB/T50312-2016 Annex B		2023-10-23
		12	PSELFEXT	Code for engineering acceptance of generic cabling system for building and campus GB/T50312-2016 Annex B		2023-10-23
		13	PSNEXT	Code for engineering acceptance of generic cabling system for building and campus GB/T50312-2016 Annex B		2023-10-23
2	Shielding Room	1	Shielding Efficiency	Method for measuring the shielding effectiveness of electromagnetic shielding enclosures GB/T12190-2021 5		2023-10-23
				Anechoic-Part1: Shield Attenuation Measurement EN50147-1-1996 4,5		2023-10-23
				Classification and measurement methods for shielded enclosures of military security information system GJB 5792A-2021 5、6	except for method of radiator inside.	2024-05-07
				IEEE Standard Method for Measuring the Shielding Effectiveness of Enclosures and Boxes Having all Dimensions between 0.1 m and 2 m IEEE 299.1-2013 4	except for method of radiator inside.	2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
				Measurement of shielding effectiveness of small shielding enclosure GJB5185-2003 5	except for method of radiator inside.	2023-10-23
				Requirement and measurement method for electromagnetic shielding effectiveness of cabinets,recks and subracks of military electronic equipment GJB5240-2004 6		2023-10-23
				Code for construction and acceptance of data center infrastructure GB50462-2024 11	Frequency Range：9kHz~40GHz	2024-09-29
				IEEE Standard Method for Measuring the Effectiveness of Electromagnetic Shielding Enclosures IEEE 299-2006 4,5		2023-10-23
		2	Grounding resistance	Code for construction and acceptance of data center infrastructure GB50462-2024 6		2024-09-29
				Low-voltage electriacl installations. part 6:Verification GB/T 16895.23-2020 6.1-6.5 Annex A-G		2023-10-23
		3	Insulation resistance	Safety requirements for electrical equipment for measurement control and laboratoru use -Part 1:General requirements GB4793.1-2007 5.3		2023-10-23
				Low-voltage electriacl installations. part 6:Verification GB/T 16895.23-2020 6.1-6.5 Annex A-G		2023-10-23
3	Anechoic chamber	1	Field uniformity	Electromagnetic compatibility—Testing and measurement techniques—Part 3:Radiated,radio-frequency,electromagnetic field immunity test GB/T 17626.3-2023 6	Frequency Range：26MHz~18GHz	2024-09-29
				Electromagnetic compatibility-Testing and measurement techniques-Radiated,radio-frequency,electromagnetic field immunity test IEC 61000-4-3:2020 6	Frequency Range：26MHz~18GHz	2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		2	NSA	Information technology equipment, multimedia equipment and receivers—Electromagnetic compatibility—Part 1: Emission requirements GB/T 9254.1-2021 Annex A	Frequency Range：26MHz~1GHz	2023-10-23
				Electromagnetic compatibility of multimedia equipment-Emission requirements CISPR 32:2019 Annex A	Frequency Range：26MHz~1GHz	2023-10-23
				Specification for radio disturbance and immunity measuring apparatus and methods-Part 1-4:Radio disturbance and immunity measuring apparatus- Antennas and test sites for radiated disturbance measurements GB/T6113.104-2021 6	Frequency Range：26MHz~1GHz	2023-10-23
				Specification for radio disturbance and immunity measuring apparatus and methods—Part 1-4:Radio disturbance and immunity measuring apparatus—Antennas and test sites for radiated disturbance measurements CISPR 16-1-4:2023 6	Frequency Range：26MHz~1GHz	2024-05-07
				Methods of measurement of radio-noise emissions from low-voltage electrical and electronic equipment in the range of 9kHz to 40GHz ANSI C63.4:2014+A1:2017 Annex D	Frequency Range：26MHz~1GHz	2023-10-23
				Technical requirement and measurement method of spurious emission of radio equipments YD/T 1483-2016 7	Frequency Range：26MHz~1GHz	2023-10-23
		3	Site voltage standing-wave ratio	Specification for radio disturbance and immunity measuring apparatus and methods—Part 1-4:Radio disturbance and immunity measuring apparatus—Antennas and test sites for radiated disturbance measurements CISPR 16-1-4:2023 7	Frequency Range：1GHz~18GHz	2024-05-07
				Specification for radio disturbance and immunity measuring	Frequency	2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
				apparatus and methods-Part 1-4:Radio disturbance and immunity measuring apparatus- Antennas and test sites for radiated disturbance measurements GB/T6113.104-2021 7	Range：1GHz~18GHz	
		4	Ambient noise	Information technology equipment, multimedia equipment and receivers—Electromagnetic compatibility—Part 1: Emission requirements GB/T 9254.1-2021 Appendix A.	Frequency Range：9kHz~18GHz	2023-10-23
				Electromagnetic compatibility of multimedia equipment - Emission requirements CISPR 32:2019 8.1	Frequency Range：9kHz~18GHz	2023-10-23
				Vehicles, boats and internal combustion engines-Radio disturbance characteristics–Limits and methods of measurement for the protection of on-board receivers CISPR 25 (Edition5.0):2021 4-6 Annex I	Frequency Range：9kHz~18GHz	2023-10-23
				Vehicles, boats and internal combustion engines-Radio disturbance characteristics–Limits and methods of measurement for the protection of on-board receivers GB/T18655-2018 4-6 Annex J	Frequency Range：9kHz~18GHz	2023-10-23
		5	Set-up Table Test	Specification for radio disturbance and immunity measuring apparatus and methods-Part 1-4:Radio disturbance and immunity measuring apparatus- Antennas and test sites for radiated disturbance measurements GB/T6113.104-2021 6	Frequency Range：26MHz~18GHz	2023-10-23
				Specification for radio disturbance and immunity measuring apparatus and methods—Part 1-4:Radio disturbance and immunity measuring apparatus—Antennas and test sites for radiated disturbance measurements CISPR 16-1-4:2023 6	Frequency Range：26MHz~18GHz	2024-05-07
4	environmental electromagneti	1	Electromagnetic Radiation	Controlling limits for electromagnetic environment GB 8702-2014 4	Frequency Range：	2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
	c field				50Hz~18GHz	
				Methods of measurement of power frequency electric field and magnetic field from high voltage overhead power transmission line and substation DL/T 988-2023 4	Frequency Range：50Hz~18GHz	2024-09-29
				Guideline on management of radioactive environmental Protection electromagnetic radiation monitoring Instruments and Methods HJ/T10.2-1996 2	Frequency Range：50Hz~18GHz	2023-10-23
				Guideline on management radioactive environmental protection environmental Impact assessment methods and standards on electromagnetic radiation HJ/T 10.3-1996 3	Frequency Range：50Hz~18GHz	2023-10-23
5	Electromagnetic shielding material	1	Shielding Efficiency	Measuring methods for shielding effectiveness of electromagnetic shielding materials GJB 8820-2015 5	except for flange coaxial method.	2023-10-23
				General specification for industrial electromagnetic shielding fabric GB/T 30139-2013 5.1	except for flange coaxial method.	2023-10-23
				Measuring methods for shielding effectiveness of planar electromagnetic shielding materials GB/T 30142-2013 4	except for flange coaxial method.	2023-10-23
6	Anechoic chamber(Antenna chamber,OTA)	1	Reflectivity level	Recommended Practice for Antenna Measurements IEEE Std 149-2021 5，6，7	Frequency Range：300MHz~40GHz	2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
				Microwave anechoic chamber test procedures GJB6780-2009 5	Frequency Range：300MHz~40GHz	2023-10-23
		2	Longitudinal field variation	Recommended Practice for Antenna Measurements IEEE Std 149-2021 6	Frequency Range：300MHz~40GHz	2023-10-23
				Microwave anechoic chamber test procedures GJB6780-2009 8	Frequency Range：300MHz~40GHz	2023-10-23
		3	Cross polarization characteristics	Recommended Practice for Antenna Measurements IEEE Std 149-2021 3~21	Frequency Range：300MHz~40GHz	2023-10-23
				Microwave anechoic chamber test procedures GJB6780-2009 6	Frequency Range：300MHz~40GHz	2023-10-23
		4	Path loss uniformity	Recommended Practice for Antenna Measurements IEEE Std 149-2021 3~21	Frequency Range：300MHz~40GHz	2023-10-23
				Microwave anechoic chamber test procedures GJB6780-2009 7	Frequency Range：300MHz~40GHz	2023-10-23
		5	Site voltage	Standard for Calibration of Electromagnetic Field Sensors and	Frequency	2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
			standing-wave ratio	Probes, Excluding Antennas,from 9 kHz to 40 GHz IEEE Std 1309-2013 A.5	Range：300MHz~40GHz	
7	Antenna calibration sites（Open Area Test Site (OATS) 、refernce test sites）	1	SA/SIL	Radio disturbance and immunity measuring apparatus – Antenna calibration test sites for 30 MHz to 1000 MHz GB/T 6113.105-2018 4～7 Annex A-F	Frequency Range：30MHz~1GHz	2023-10-23
				Radio disturbance and immunity measuring apparatus – Antenna calibration test sites for 30 MHz to 1000 MHz CISPR 16-1-5:2014+A1:2016 4-7 Annex A-F	Frequency Range：26MHz~1GHz	2023-10-23
				Specification for radio disturbance and immunity measuring apparatus and methods-Part 1-4:Radio disturbance and immunity measuring apparatus- Antennas and test sites for radiated disturbance measurements GB/T6113.104-2021 6	Frequency Range：26MHz~1GHz	2023-10-23
				Specification for radio disturbance and immunity measuring apparatus and methods—Part 1-4:Radio disturbance and immunity measuring apparatus—Antennas and test sites for radiated disturbance measurements CISPR 16-1-4:2023 6	Frequency Range：26MHz~1GHz	2024-05-07
				Electromagnetic compatibility of multimedia equipment-Emission requirements CISPR 32:2019 Annex A	Frequency Range：26MHz~1GHz	2023-10-23
8	FM analog mobile communication platform	1	Out level	Technical specification and measurement method of 400MHz frequency band analog wireless intercom GB/T 21646-2008 6.2.1	Accredited only for Transmitter	2023-10-23
		2	Carrier frequency tolerance	Technical specification and measurement method of 400MHz frequency band analog wireless intercom GB/T 21646-2008 6.2.2	Accredited only for Transmitter	2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		3	Modulation limits	Technical specification and measurement method of 400MHz frequency band analog wireless intercom GB/T 21646-2008 6.2.3	Accredited only for Transmitter	2023-10-23
		4	CTCSS frequency deviation	Technical specification and measurement method of 400MHz frequency band analog wireless intercom GB/T 21646-2008 6.2.4	Accredited only for Transmitter	2023-10-23
		5	Audio distortion	Technical specification and measurement method of 400MHz frequency band analog wireless intercom GB/T 21646-2008 6.2.5	Accredited only for Transmitter	2023-10-23
		6	Adjacent channel power ratio	Technical specification and measurement method of 400MHz frequency band analog wireless intercom GB/T 21646-2008 6.2.6	Accredited only for Transmitter	2023-10-23
		7	Reference sensitivity	Technical specification and measurement method of 400MHz frequency band analog wireless intercom GB/T 21646-2008 6.3.1	Accredited only for Receiver	2023-10-23
		8	CTCSS sensitivity	Technical specification and measurement method of 400MHz frequency band analog wireless intercom GB/T 21646-2008 6.3.2	Accredited only for Receiver	2023-10-23
		9	CTCSS, lock squelch opening time	Technical specification and measurement method of 400MHz frequency band analog wireless intercom GB/T 21646-2008 6.3.3	Accredited only for Receiver	2023-10-23
		10	Audio distortion	Technical specification and measurement method of 400MHz frequency band analog wireless intercom GB/T 21646-2008 6.3.4	Accredited only for Receiver	2023-10-23
		11	Adjacent channel selectivity	Technical specification and measurement method of 400MHz frequency band analog wireless intercom GB/T 21646-2008 6.3.5	Accredited only for Receiver	2023-10-23
		12	Co channel suppression	Technical specification and measurement method of 400MHz frequency band analog wireless intercom GB/T 21646-2008 6.3.6	Accredited only for Receiver	2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
9	FTTH System	1	Attenuation	Code for construction and acceptance of communication engineering for fiber to the home in residential districts and residential buildings GB 50847-2012 6.2.19		2023-10-23
				Code for design of communication engineering for fiber to the home in residential distrcts and residential buildings GB 50846-2012 6.2.20		2023-10-23
				Code ror engineering acceptance of generic cabing system GB/T 50312-2016 6.2.21		2023-10-23
				Code for engineering design of generic cabling system GB50311-2016 5		2023-10-23
				Code for acceptance of quality of intelligent building systems GB 50339-2013 8		2023-10-23
				Architecture and General Requirements for Fiber to the Home YD/T 1636-2007 17		2023-10-23
				Acceptance Specifications for Telecommunication Cable Line Engineering YD 5121-2010 12		2023-10-23
				Code for construction and acceptance of data center infrastructure GB50462-2024 12		2024-09-29
		2	Length	Code for construction and acceptance of communication engineering for fiber to the home in residential districts and residential buildings GB 50847-2012 6、7		2023-10-23
				Code for design of communication engineering for fiber to the home in residential distrcts and residential buildings GB 50846-2012 8		2023-10-23
				Code ror engineering acceptance of generic cabing system GB/T 50312-2016 Annex C		2023-10-23
				Code for engineering design of generic cabling system GB50311-2016 5		2023-10-23
				Code for acceptance of quality of intelligent building systems GB 50339-2013 8		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
				Architecture and General Requirements for Fiber to the Home YD/T 1636-2007 17		2023-10-23
				Acceptance Specifications for Telecommunication Cable Line Engineering YD 5121-2010 12		2023-10-23
				Code for construction and acceptance of data center infrastructure GB50462-2024 12		2024-09-29
10	CISPR 25 Charmber	1	Field Strengh	Vehicles, boats and internal combustion engines-Radio disturbance characteristics–Limits and methods of measurement for the protection of on-board receivers CISPR 25 (Edition5.0):2021 4-6 Annex I		2023-10-23
				Vehicles, boats and internal combustion engines-Radio disturbance characteristics–Limits and methods of measurement for the protection of on-board receivers GB/T18655-2018 4-6 Annex J	Frequency Range：9kHz~18GHz	2023-10-23
Ⅶ Acoustics Measurement						
1	Anechoic Room	1	Background Noise	Acoustics—Determination of sound power levels and sound energy levels of noise sources using sound pressure—Precision methods for anechoic rooms and hemi-anechoic rooms GB/T 6882-2016 ISO 3745-2012 5.2		2023-10-23
				Acoustics-Test methods for the qualification of free-field environments GB/T 34828-2017 ISO 26101-1:2021 4~5		2023-10-23
		2	Sound Pressure Level	Acoustics—Determination of sound power levels and sound energy levels of noise sources using sound pressure—Precision methods for anechoic rooms and hemi-anechoic rooms GB/T 6882-2016 ISO 3745-2012 9		2023-10-23
				Acoustics-Test methods for the qualification of free-field environments GB/T 34828-2017 ISO 26101-1:2021 4~5		2023-10-23
		3	Cut off frequency	Acoustics—Determination of sound power levels and sound energy levels of noise sources using sound pressure—Precision		2023-10-23

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		№	Item/ Parameter			
				methods for anechoic rooms and hemi-anechoic rooms GB/T 6882-2016 ISO 3745-2012 5		
				Acoustics-Test methods for the qualification of free-field environments GB/T 34828-2017 ISO 26101-1:2021 4~5		2023-10-23
		4	Free-field accuracy	Acoustics—Determination of sound power levels and sound energy levels of noise sources using sound pressure—Precision methods for anechoic rooms and hemi-anechoic rooms GB/T 6882-2016 ISO 3745-2012 5		2023-10-23
				Acoustics-Test methods for the qualification of free-field environments GB/T 34828-2017 ISO 26101-1:2021 4~5		2023-10-23
2	Reverberation Room	1	Reverberation Time	Acoustics—Determination of sound power levels and sound energy levels of noise sources using sound pressure—Precision methods for reverberation test rooms GB/T 6881-2023 ISO 3741-2010 8		2024-09-29
				Acoustics-Determination of sound power levels and sound energy levels of noise sources using sound pressure-Engineering methods for small movable sources in reverberant fields-Comparison method for a hard-walled test room GB/T 6881.2-2017 7		2023-10-23
				Acoustics. Determination of sound power levels of noise sources-using sound pressure. Engineering methods for small,movable sources in reverberant fields. Part 2:Methods for special reverberation test rooms GB/T 6881.3-2002 4.3		2023-10-23
		2	Background Noise	Acoustics—Determination of sound power levels and sound energy levels of noise sources using sound pressure—Precision methods for reverberation test rooms GB/T 6881-2023 ISO 3741-2010 5.4		2024-09-29
				Acoustics-Determination of sound power levels and sound energy levels of noise sources using sound pressure-Engineering methods for small movable sources in reverberant fields-		2023-10-23

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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
				Comparison method for a hard-walled test room GB/T 6881.2-2017 7		
				Acoustics. Determination of sound power levels of noise sources-using sound pressure. Engineering methods for small,movable sources in reverberant fields. Part 2:Methods for special reverberation test rooms GB/T 6881.3-2002 4.5		2023-10-23
		3	Sound Pressure and Sound Power	Acoustics—Determination of sound power levels and sound energy levels of noise sources using sound pressure—Precision methods for reverberation test rooms GB/T 6881-2023 ISO 3741-2010 8		2024-09-29
				Acoustics-Determination of sound power levels and sound energy levels of noise sources using sound pressure-Engineering methods for small movable sources in reverberant fields-Comparison method for a hard-walled test room GB/T 6881.2-2017 7		2023-10-23
				Acoustics. Determination of sound power levels of noise sources-using sound pressure. Engineering methods for small,movable sources in reverberant fields. Part 2:Methods for special reverberation test rooms GB/T 6881.3-2002 7		2023-10-23
		4	The Uniformity of Sound Pressure	Acoustics—Determination of sound power levels and sound energy levels of noise sources using sound pressure—Precision methods for reverberation test rooms GB/T 6881-2023 ISO 3741-2010 A1		2024-09-29
				Acoustics-Determination of sound power levels and sound energy levels of noise sources using sound pressure-Engineering methods for small movable sources in reverberant fields-Comparison method for a hard-walled test room GB/T 6881.2-2017 7.6		2023-10-23
				Acoustics. Determination of sound power levels of noise sources-using sound pressure. Engineering methods for small,movable		2023-10-23

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		№	Item/ Parameter			
				sources in reverberant fields. Part 2:Methods for special reverberation test rooms GB/T 6881.3-2002 7.4		
3	Auditoria	1	The Maximum Sound Pressure Level	Methods of measurement for the characteristics of sound reinforcement in auditoria reverberation time GB/T 4959-2011 6.1.3		2023-10-23
				Measurement Specification of radio and TV broading (studio) rooms' reverberation time GY 5022-2007 7		2023-10-23
				Radio and TV center technology space allowable noise standards GYJ 42-1989 3.4.1		2023-10-23
				Radio and television recordings (broadcasting studio) for measurement of airborne sound insulation room GYJ 24-1986 3.2.3		2023-10-23
				Code for sound reinforcement system design of auditorium GB 50371-2006 4.2		2023-10-23
				Code for architectural acoustical design of theater cinema and multi-use auditorium GB/T 50356-2005 6		2023-10-23
		2	The Uniformity of Sound Field	Methods of measurement for the characteristics of sound reinforcement in auditoria reverberation time GB/T 4959-2011 6.1.4		2023-10-23
				Measurement Specification of radio and TV broading (studio) rooms' reverberation time GY 5022-2007 7		2023-10-23
				Radio and TV center technology space allowable noise standards GYJ 42-1989 3.4.1		2023-10-23
				Radio and television recordings (broadcasting studio) for measurement of airborne sound insulation room GYJ 24-1986 3.2.3		2023-10-23
				Code for sound reinforcement system design of auditorium GB 50371-2006 4.2		2023-10-23
				Code for architectural acoustical design of theater cinema and multi-use auditorium GB/T 50356-2005 6		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		3	The Transform Characteristics of Frequency	Methods of measurement for the characteristics of sound reinforcement in auditoria reverberation time GB/T 4959-2011 6.1.1		2023-10-23
				Measurement Specification of radio and TV broading (studio) rooms' reverberation time GY 5022-2007 7		2023-10-23
				Radio and TV center technology space allowable noise standards GYJ 42-1989 3.4.1		2023-10-23
				Radio and television recordings (broadcasting studio) for measurement of airborne sound insulation room GYJ 24-1986 3.2.3		2023-10-23
				Code for sound reinforcement system design of auditorium GB 50371-2006 4.2		2023-10-23
				Code for architectural acoustical design of theater cinema and multi-use auditorium GB/T 50356-2005 6		2023-10-23
		4	The Gain of Sound Transmit	Methods of measurement for the characteristics of sound reinforcement in auditoria reverberation time GB/T 4959-2011 6.1.2		2023-10-23
				Measurement Specification of radio and TV broading (studio) rooms' reverberation time GY 5022-2007 7		2023-10-23
				Radio and TV center technology space allowable noise standards GYJ 42-1989 3.4.1		2023-10-23
				Radio and television recordings (broadcasting studio) for measurement of airborne sound insulation room GYJ 24-1986 3.2.3		2023-10-23
				Code for sound reinforcement system design of auditorium GB 50371-2006 4.2		2023-10-23
				Code for architectural acoustical design of theater cinema and multi-use auditorium GB/T 50356-2005 6		2023-10-23
		5	System Harmonic Distortion	Methods of measurement for the characteristics of sound reinforcement in auditoria reverberation time GB/T 4959-2011		2023-10-23

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		№	Item/ Parameter			
				6.1.5		
				Measurement Specification of radio and TV broading (studio) rooms' reverberation time GY 5022-2007 7		2023-10-23
				Radio and TV center technology space allowable noise standards GYJ 42-1989 3.4.1		2023-10-23
				Radio and television recordings (broadcasting studio) for measurement of airborne sound insulation room GYJ 24-1986 3.2.3		2023-10-23
				Code for sound reinforcement system design of auditorium GB 50371-2006 4.2		2023-10-23
				Code for architectural acoustical design of theater cinema and multi-use auditorium GB/T 50356-2005 6		2023-10-23
		6	Total Noise	Methods of measurement for the characteristics of sound reinforcement in auditoria reverberation time GB/T 4959-2011 6.1.6		2023-10-23
				Measurement Specification of radio and TV broading (studio) rooms' reverberation time GY 5022-2007 7		2023-10-23
				Radio and TV center technology space allowable noise standards GYJ 42-1989 3.4.1		2023-10-23
				Radio and television recordings (broadcasting studio) for measurement of airborne sound insulation room GYJ 24-1986 3.2.3		2023-10-23
				Code for sound reinforcement system design of auditorium GB 50371-2006 4.2		2023-10-23
				Code for architectural acoustical design of theater cinema and multi-use auditorium GB/T 50356-2005 6		2023-10-23
		7	Reverberation Time	Code for measurement of the reverberation time in rooms GB/T 50076-2013 6.2.3		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
				Measurement Specification of radio and TV broading (studio) rooms' reverberation time GY 5022-2007 7		2023-10-23
				Acoustics — Measurement of room acoustic parameters Part 2: Reverberation time in ordinary rooms ISO 3382-2:2008 5		2023-10-23
				Acoustics - Application of new measurement methods in building and room acoustics ISO 18233:2006 6		2023-10-23
				Acoustics - Measurement of room acoustic parameters - Part 2: Reverberation time in ordinary rooms GB/T 36075.2-2018 5		2023-10-23
		8	Speech articulation	Acoustics—Speech articulation testing method GB/T 15508-1995 3		2023-10-23
				Sound system equipment-Part 16:Objective rating of speech intelligibility by speech transmission index GB/T 12060.16-2017 5, 6		2023-10-23
4	Venue Hall	1	Sound Pressure Level	Code for acoustical design and measurement of gymnasium JGJ/T 131-2012 5		2023-10-23
				Code for sound reinforcement system design of auditorium, gymnasiums and stadium GB/T 28049-2011 7.2		2023-10-23
		2	Temperature,Humidity	Standards for indoor air quality GB/T 18883-2022 4.2		2024-05-07
		3	Lighting Test	tandard for lighting design of buildings GB 50034-2024 4.1		2024-09-29
				Code for Construction and Acceptance of TV Studio Lighting System GY 5070-2013 6		2023-10-23
5	Audiometry Rooms	1	Sound Pressure Level	Acoustics—Audiometric test methods—Part 1:Pure-tone air and bone conduction audiometry GB/T 16296.1-2018 11		2023-10-23
				Acoustics-Audiometric test methods-Part 2: Sound field audiometry with pure tone and narrow-band test signals GB/T 16296.2-2016 6		2023-10-23
				Acoustics Pure tone air conduction hearing threshold determination hearing protection GB/T 7583-1987 4		2023-10-23

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		№	Item/ Parameter			
		2	The Performance of Sound Field	Acoustics—Audiometric test methods—Part 1:Pure-tone air and bone conduction audiometry GB/T 16296.1-2018 11		2023-10-23
				Acoustics-Audiometric test methods-Part 2: Sound field audiometry with pure tone and narrow-band test signals GB/T 16296.2-2016 5		2023-10-23
				Acoustics Pure tone air conduction hearing threshold determination hearing protection GB/T 7583-1987 4		2023-10-23
6	Urban Area	1	Sound Pressure Level	Environmental quality standards for noise GB 3096-2008 5		2023-10-23
				Emission standard for community noise GB 22337-2008 4		2023-10-23
				Emission standard of environment noise for boundary of construction site GB 12523-2011 2		2023-10-23
				Emission standard for industrial enterprises noise at boundary GB12348-2008 5		2023-10-23
				Acoustics—Description, measurement and assessment of environmental noise—Part 2: Determination of sound pressure levels GB/T 3222.2-2022 9		2023-10-23
				Emission standard and measurement methods of railway noise on the boundary alongside railway line GB 12525-1990 5		2023-10-23
				Acoustical requirement and measurement on station platform of urban rail transit GB 14227-2006 5		2023-10-23
				Measurement of physical agents in workplace-Part 8: Noise GBZ/T189.8-2007 6		2023-10-23
				Examination methods for public places-Part 1: Physical parameters GB/T 18204.1-2013 7		2023-10-23
				Standard for limit and measuring method of building vibration and secondary noise caused by urban rail transit JGJ/T 170-2009 6		2023-10-23
		2	Acceleration	Measuring method of environmental vibration of urban area		2023-10-23

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		№	Item/ Parameter			
				GB/T 10071-1988 4		
				Standard for limit and measuring method of building vibration and secondary noise caused by urban rail transit JGJ/T 170-2009 6		2023-10-23
				Standard for linits and measurement methods of vibration in the room of residential building GB/T 50355-2018 4		2023-10-23
				Measurement of railway environment vibration Measurement of railway environment vibration TB/T 3152-2007 5		2023-10-23
7	Ultrasonic Power	1	Ultrasonic Power	Acoustics—Ultrasonic power measurement—Radiation force balances and the requirements GB/T 7966-2022 5~Appendix F		2023-10-23
				Acoustics. Standard ultrasonic power source GB/T 14368-1993 6		2023-10-23
8	Sound Insulation Room	1	Reverberation Time	Acoustics-Measurement of sound insulation in buildings and of building elements-Part 1:Requirements for laboratory test facilities with suppressed flanking transmission GB/T 19889.1-2005 3~4		2023-10-23
				Acoustics—Measurement of sound insulation in buildings and of building elements—Part 2 : Determination and application of measurement uncertainties GB/T 19889.2-2022 4~6		2023-10-23
				Acoustics-Measurement of sound insulation in buildings and of building elements-Part 3:Laboratory measurements of airborne sound insulation of building elements GB/T 19889.3-2005 5~6		2023-10-23
				Acoustics-Measurement of sound insulation in buildings and of building elements-Part4:Field measurements of airborne sound insulation between rooms GB/T 19889.4-2005 5~6		2023-10-23
				Acoustics—Measurement of sound insulation in buildings and of building elements—Part 5: Field measurements of airborne sound insulation of facade elements and facades GB/T 19889.5-2006 5~7		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
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				Acoustics-Measurement of sound insulation in buildings and of building elements-Part 6:Laboratory measurements of impact sound insulation of floors GB/T 19889.6-2005 5~6		2023-10-23
				Acoustics—Measurement of sound insulation in buildings and of building elements—Part 7：Field measurement of impact sound insulation GB/T 19889.7-2022 5		2023-10-23
				Acoustics—Measurement of sound insulation in buildings and of building elements—Part 8 :Laboratory measurements of the reduction of transmitted impact noise by floor coverings on a heavyweight standard floor GB/T 19889.8-2006 5~6		2023-10-23
				Acoustics—Measurement of sound insulation in buildings and of building elements—Part 10：Laboratory measurements of airborne sound insulation of small building elements GB/T 19889.10-2006 5~7		2023-10-23
				Acoustics - Laboratory measurement of sound insulation of building elements - Part 1: Application rules for specific products ISO 10140-1-2021 4~Annex K		2023-10-23
				Acoustics - Laboratory measurement of sound insulation of building elements - Part 2: Measurement of airborne sound insulation ISO 10140-2-2021 5~7		2023-10-23
				Acoustics - Laboratory measurement of sound insulation of building elements - Part 3: Measurement of impact sound insulation ISO 10140-3-2021 5~7		2023-10-23
				Acoustics - Laboratory measurement of sound insulation of building elements - Part 4: Measurement procedures and requirements ISO 10140-4-2021 4~5		2023-10-23
				Acoustics - Laboratory measurement of sound insulation of building elements - Part 5: Requirements for test facilities and equipment ISO 10140-5:2021 3~5		2023-10-23

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		№	Item/ Parameter			
				Code for measurement of the reverberation time in rooms GB/T 50076-2013 4		2023-10-23
				Acoustics — Measurement of room acoustic parameters Part 2: Reverberation time in ordinary rooms ISO 3382-2:2008 5		2023-10-23
				Acoustics - Application of new measurement methods in building and room acoustics ISO 18233:2006 6		2023-10-23
				Acoustics -- Field measurement of sound insulation in buildings and of building elements -- Part 1: Airborne sound insulation ISO 16283-1:2014+A1:2017 10		2024-05-07
				Sound system equipment--Part 13：Listening tests on loudspeakers GB/T 12060.13-2011IEC/TR 60268-13:1998 2.1.2		2023-10-23
				Acoustics - Measurement of room acoustic parameters - Part 2: Reverberation time in ordinary rooms GB/T 36075.2-2018 5		2023-10-23
		2	Sound Insulation	Acoustics. Determination of sound insulation performance of cabins. Laboratory and in-situ measurements GB/T 19885-2005ISO 11957：1996 6~8		2023-10-23
				Acoustics-Measurement of sound insulation in buildings and of building elements-Part 1:Requirements for laboratory test facilities with suppressed flanking transmission GB/T 19889.1-2005 3~4		2023-10-23
				Acoustics—Measurement of sound insulation in buildings and of building elements—Part 2 : Determination and application of measurement uncertainties GB/T 19889.2-2022 4~6		2023-10-23
				Acoustics-Measurement of sound insulation in buildings and of building elements-Part 3:Laboratory measurements of airborne sound insulation of building elements GB/T 19889.3-2005 5~6		2023-10-23
				Acoustics-Measurement of sound insulation in buildings and of building elements-Part4:Field measurements of airborne sound insulation between rooms GB/T 19889.4-2005 5~6		2023-10-23

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		№	Item/ Parameter			
				Acoustics—Measurement of sound insulation in buildings and of building elements—Part 5: Field measurements of airborne sound insulation of facade elements and facades GB/T 19889.5-2006 5~7		2023-10-23
				Acoustics-Measurement of sound insulation in buildings and of building elements-Part 6:Laboratory measurements of impact sound insulation of floors GB/T 19889.6-2005 5~6		2023-10-23
				Acoustics—Measurement of sound insulation in buildings and of building elements—Part 7 : Field measurement of impact sound insulation GB/T 19889.7-2022 5		2023-10-23
				Acoustics—Measurement of sound insulation in buildings and of building elements—Part 8 :Laboratory measurements of the reduction of transmitted impact noise by floor coverings on a heavyweight standard floor GB/T 19889.8-2006 5~6		2023-10-23
				Acoustics—Measurement of sound insulation in buildings and of building elements—Part 10：Laboratory measurements of airborne sound insulation of small building elements GB/T 19889.10-2006 5~7		2023-10-23
				Acoustics - Laboratory measurement of sound insulation of building elements - Part 1: Application rules for specific products ISO 10140-1-2021 4~Annex K		2023-10-23
				Acoustics - Laboratory measurement of sound insulation of building elements - Part 2: Measurement of airborne sound insulation ISO 10140-2-2021 5~7		2023-10-23
				Acoustics - Laboratory measurement of sound insulation of building elements - Part 3: Measurement of impact sound insulation ISO 10140-3-2021 5~7		2023-10-23
				Acoustics - Laboratory measurement of sound insulation of building elements - Part 4: Measurement procedures and requirements ISO 10140-4-2021 4~5		2023-10-23

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		№	Item/ Parameter			
				Acoustics - Laboratory measurement of sound insulation of building elements - Part 5: Requirements for test facilities and equipment ISO 10140-5:2021 3~5		2023-10-23
				Code for measurement of the reverberation time in rooms GB/T 50076-2013 4		2023-10-23
				Acoustics — Measurement of room acoustic parameters Part 2: Reverberation time in ordinary rooms ISO 3382-2:2008 5		2023-10-23
				Acoustics - Application of new measurement methods in building and room acoustics ISO 18233:2006 6		2023-10-23
				Acoustics -- Field measurement of sound insulation in buildings and of building elements -- Part 1: Airborne sound insulation ISO 16283-1:2014+A1:2017 10		2024-05-07
		3	Background Noise	Acoustics - Application of new measurement methods in building and room acoustics ISO 18233:2006 6		2023-10-23
				Acoustics. Determination of sound insulation performance of cabins. Laboratory and in-situ measurements GB/T 19885-2005ISO 11957：1996 6~8		2023-10-23
				Acoustics-Measurement of sound insulation in buildings and of building elements-Part 1:Requirements for laboratory test facilities with suppressed flanking transmission GB/T 19889.1-2005 3~4		2023-10-23
				Acoustics—Measurement of sound insulation in buildings and of building elements—Part 2 : Determination and application of measurement uncertainties GB/T 19889.2-2022 4~6		2023-10-23
				Acoustics-Measurement of sound insulation in buildings and of building elements-Part 3:Laboratory measurements of airborne sound insulation of building elements GB/T 19889.3-2005 5~6		2023-10-23
				Acoustics-Measurement of sound insulation in buildings and of building elements-Part4:Field measurements of airborne sound insulation between rooms GB/T 19889.4-2005 5~6		2023-10-23

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		№	Item/ Parameter			
				Acoustics—Measurement of sound insulation in buildings and of building elements—Part 5: Field measurements of airborne sound insulation of facade elements and facades GB/T 19889.5-2006 5~7		2023-10-23
				Acoustics-Measurement of sound insulation in buildings and of building elements-Part 6:Laboratory measurements of impact sound insulation of floors GB/T 19889.6-2005 5~6		2023-10-23
				Acoustics—Measurement of sound insulation in buildings and of building elements—Part 7 : Field measurement of impact sound insulation GB/T 19889.7-2022 5		2023-10-23
				Acoustics—Measurement of sound insulation in buildings and of building elements—Part 8 :Laboratory measurements of the reduction of transmitted impact noise by floor coverings on a heavyweight standard floor GB/T 19889.8-2006 5~6		2023-10-23
				Acoustics—Measurement of sound insulation in buildings and of building elements—Part 10：Laboratory measurements of airborne sound insulation of small building elements GB/T 19889.10-2006 5~7		2023-10-23
				Acoustics - Laboratory measurement of sound insulation of building elements - Part 1: Application rules for specific products ISO 10140-1-2021 4~Annex K		2023-10-23
				Acoustics - Laboratory measurement of sound insulation of building elements - Part 2: Measurement of airborne sound insulation ISO 10140-2-2021 5~7		2023-10-23
				Acoustics - Laboratory measurement of sound insulation of building elements - Part 3: Measurement of impact sound insulation ISO 10140-3-2021 5~7		2023-10-23
				Acoustics - Laboratory measurement of sound insulation of building elements - Part 4: Measurement procedures and requirements ISO 10140-4-2021 4~5		2023-10-23

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		№	Item/ Parameter			
				Acoustics - Laboratory measurement of sound insulation of building elements - Part 5: Requirements for test facilities and equipment ISO 10140-5:2021 3~5		2023-10-23
				Code for measurement of the reverberation time in rooms GB/T 50076-2013 3.1		2023-10-23
				Acoustics — Measurement of room acoustic parameters Part 2: Reverberation time in ordinary rooms ISO 3382-2:2008 5		2023-10-23
				Acoustics -- Field measurement of sound insulation in buildings and of building elements -- Part 1: Airborne sound insulation ISO 16283-1:2014+A1:2017 9		2024-05-07
				Sound system equipment--Part 13：Listening tests on loudspeakers GB/T 12060.13-2011IEC/TR 60268-13:1998 2.1.3		2023-10-23
9	Civilian Construction	1	Allowable Noise Level	Code for design of sound insulation of civil buildings GB50118-2010 4~9		2023-10-23
				Rating standard of sound insulation in buildings GB/T 50121-2005 3		2023-10-23
				Acoustics-Measurement of sound insulation in buildings and of building elements-Part 1:Requirements for laboratory test facilities with suppressed flanking transmission GB/T 19889.1-2005 3~4		2023-10-23
				Acoustics—Measurement of sound insulation in buildings and of building elements—Part 2 : Determination and application of measurement uncertainties GB/T 19889.2-2022 4~6		2023-10-23
				Acoustics-Measurement of sound insulation in buildings and of building elements-Part 3:Laboratory measurements of airborne sound insulation of building elements GB/T 19889.3-2005 5~6		2023-10-23
				Acoustics-Measurement of sound insulation in buildings and of building elements-Part4:Field measurements of airborne sound insulation between rooms GB/T 19889.4-2005 5~6		2023-10-23

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		№	Item/ Parameter			
				Acoustics—Measurement of sound insulation in buildings and of building elements—Part 5: Field measurements of airborne sound insulation of facade elements and facades GB/T 19889.5-2006 5~7		2023-10-23
				Acoustics-Measurement of sound insulation in buildings and of building elements-Part 6:Laboratory measurements of impact sound insulation of floors GB/T 19889.6-2005 5~6		2023-10-23
				Acoustics—Measurement of sound insulation in buildings and of building elements—Part 7 : Field measurement of impact sound insulation GB/T 19889.7-2022 5		2023-10-23
				Acoustics—Measurement of sound insulation in buildings and of building elements—Part 8 :Laboratory measurements of the reduction of transmitted impact noise by floor coverings on a heavyweight standard floor GB/T 19889.8-2006 5~6		2023-10-23
				Acoustics—Measurement of sound insulation in buildings and of building elements—Part 10：Laboratory measurements of airborne sound insulation of small building elements GB/T 19889.10-2006 5~7		2023-10-23
				Acoustics - Laboratory measurement of sound insulation of building elements - Part 1: Application rules for specific products ISO 10140-1-2021 4~Annex K		2023-10-23
				Acoustics - Laboratory measurement of sound insulation of building elements - Part 2: Measurement of airborne sound insulation ISO 10140-2-2021 5~7		2023-10-23
				Acoustics - Laboratory measurement of sound insulation of building elements - Part 3: Measurement of impact sound insulation ISO 10140-3-2021 5~7		2023-10-23
				Acoustics - Laboratory measurement of sound insulation of building elements - Part 4: Measurement procedures and requirements ISO 10140-4-2021 4~5		2023-10-23

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		№	Item/ Parameter			
				Acoustics - Laboratory measurement of sound insulation of building elements - Part 5: Requirements for test facilities and equipment ISO 10140-5:2021 3~5		2023-10-23
				General code for building environment GB 55016-2021 2.1		2023-10-23
		2	Sound Insulation	Code for design of sound insulation of civil buildings GB 50118-2010 3.2.1		2023-10-23
				Rating standard of sound insulation in buildings GB/T 50121-2005 3~5		2023-10-23
				Acoustics-Measurement of sound insulation in buildings and of building elements-Part 1:Requirements for laboratory test facilities with suppressed flanking transmission GB/T 19889.1-2005 3~4		2023-10-23
				Acoustics—Measurement of sound insulation in buildings and of building elements—Part 2 : Determination and application of measurement uncertainties GB/T 19889.2-2022 4~6		2023-10-23
				Acoustics-Measurement of sound insulation in buildings and of building elements-Part 3:Laboratory measurements of airborne sound insulation of building elements GB/T 19889.3-2005 5~6		2023-10-23
				Acoustics-Measurement of sound insulation in buildings and of building elements-Part4:Field measurements of airborne sound insulation between rooms GB/T 19889.4-2005 5~6		2023-10-23
				Acoustics—Measurement of sound insulation in buildings and of building elements—Part 5: Field measurements of airborne sound insulation of facade elements and facades GB/T 19889.5-2006 5~7		2023-10-23
				Acoustics-Measurement of sound insulation in buildings and of building elements-Part 6:Laboratory measurements of impact sound insulation of floors GB/T 19889.6-2005 5~6		2023-10-23
				Acoustics—Measurement of sound insulation in buildings and of		2023-10-23

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				building elements—Part 7 : Field measurement of impact sound insulation GB/T 19889.7-2022 5		
				Acoustics—Measurement of sound insulation in buildings and of building elements—Part 8 :Laboratory measurements of the reduction of transmitted impact noise by floor coverings on a heavyweight standard floor GB/T 19889.8-2006 5~6		2023-10-23
				Acoustics—Measurement of sound insulation in buildings and of building elements—Part 10：Laboratory measurements of airborne sound insulation of small building elements GB/T 19889.10-2006 5~7		2023-10-23
				Acoustics - Laboratory measurement of sound insulation of building elements - Part 1: Application rules for specific products ISO 10140-1-2021 4~Annex K		2023-10-23
				Acoustics - Laboratory measurement of sound insulation of building elements - Part 2: Measurement of airborne sound insulation ISO 10140-2-2021 5~7		2023-10-23
				Acoustics - Laboratory measurement of sound insulation of building elements - Part 3: Measurement of impact sound insulation ISO 10140-3-2021 5~7		2023-10-23
				Acoustics - Laboratory measurement of sound insulation of building elements - Part 4: Measurement procedures and requirements ISO 10140-4-2021 4~5		2023-10-23
				Acoustics - Laboratory measurement of sound insulation of building elements - Part 5: Requirements for test facilities and equipment ISO 10140-5:2021 3~5		2023-10-23
				Acoustics -- Rating of sound insulation in buildings and of building elements -- Part 1: Airborne sound insulation ISO 717-1:2020 4		2023-10-23
				Classification for Rating Sound Insulation ASTM E413-2022 5		2023-10-23

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		№	Item/ Parameter			
				Standard Guide for Field Measurements of Airborne Sound Attenuation of Building Facades and Facade Elements ASTM E966-2018 3~10		2023-10-23
				Acoustics -- Field measurement of sound insulation in buildings and of building elements -- Part 1: Airborne sound insulation ISO 16283-1:2014+A1:2017 7~10		2024-05-07
				Classification for Rating Outdoor-Indoor Sound Attenuation ASTM E1332-2022 5		2023-10-23
		3	Reverberation Time	Code for design of sound insulation of civil buildings GB 50118-2010 4~9		2023-10-23
				Rating standard of sound insulation in buildings GB/T 50121-2005 3		2023-10-23
				Acoustics-Measurement of sound insulation in buildings and of building elements-Part 1:Requirements for laboratory test facilities with suppressed flanking transmission GB/T 19889.1-2005 3~4		2023-10-23
				Acoustics—Measurement of sound insulation in buildings and of building elements—Part 2 : Determination and application of measurement uncertainties GB/T 19889.2-2022 4~6		2023-10-23
				Acoustics-Measurement of sound insulation in buildings and of building elements-Part 3:Laboratory measurements of airborne sound insulation of building elements GB/T 19889.3-2005 5~6		2023-10-23
				Acoustics-Measurement of sound insulation in buildings and of building elements-Part4:Field measurements of airborne sound insulation between rooms GB/T 19889.4-2005 5~6		2023-10-23
				Acoustics—Measurement of sound insulation in buildings and of building elements—Part 5: Field measurements of airborne sound insulation of facade elements and facades GB/T 19889.5-2006 5~7		2023-10-23

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		№	Item/ Parameter			
				Acoustics-Measurement of sound insulation in buildings and of building elements-Part 6:Laboratory measurements of impact sound insulation of floors GB/T 19889.6-2005 5~6		2023-10-23
				Acoustics—Measurement of sound insulation in buildings and of building elements—Part 7：Field measurement of impact sound insulation GB/T 19889.7-2022 5		2023-10-23
				Acoustics—Measurement of sound insulation in buildings and of building elements—Part 8 :Laboratory measurements of the reduction of transmitted impact noise by floor coverings on a heavyweight standard floor GB/T 19889.8-2006 5~6		2023-10-23
				Acoustics—Measurement of sound insulation in buildings and of building elements—Part 10：Laboratory measurements of airborne sound insulation of small building elements GB/T 19889.10-2006 5~7		2023-10-23
				Acoustics - Laboratory measurement of sound insulation of building elements - Part 1: Application rules for specific products ISO 10140-1-2021 4~Annex K		2023-10-23
				Acoustics - Laboratory measurement of sound insulation of building elements - Part 2: Measurement of airborne sound insulation ISO 10140-2-2021 5~7		2023-10-23
				Acoustics - Laboratory measurement of sound insulation of building elements - Part 3: Measurement of impact sound insulation ISO 10140-3-2021 5~7		2023-10-23
				Acoustics - Laboratory measurement of sound insulation of building elements - Part 4: Measurement procedures and requirements ISO 10140-4-2021 4~5		2023-10-23
				Acoustics - Laboratory measurement of sound insulation of building elements - Part 5: Requirements for test facilities and equipment ISO 10140-5:2021 3~5		2023-10-23

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		№	Item/ Parameter			
				Code for measurement of the reverberation time in rooms GB/T 50076-2013 4		2023-10-23
				Acoustics — Measurement of room acoustic parameters Part 2: Reverberation time in ordinary rooms ISO 3382-2:2008 5		2023-10-23
				Acoustics - Application of new measurement methods in building and room acoustics ISO 18233:2006 6		2023-10-23
				Acoustics -- Field measurement of sound insulation in buildings and of building elements -- Part 1: Airborne sound insulation ISO 16283-1:2014+A1:2017 10		2024-05-07
				Acoustics - Measurement of room acoustic parameters - Part 2: Reverberation time in ordinary rooms ISO 16283-1:2014+A1:2017 5		2024-05-07
10	Sound Materials	1	Absorption Coefficient	Acoustics - Measurement of sound absorption in a reverberation room GB/T 20247-2006ISO 354:2003 7		2023-10-23
				Sound absorption coefficient and impedance in impedance tube measurement - Part 1 standing wave tube GB/T 18696.1-2004 9		2023-10-23
				Acoustics--Determination of sound absorption coefficient and impedance in impedance tubes Part 2: Transfer function method GB/T 18696.2-2002 8		2023-10-23
				Classification of sound absorption property for absorbent products using in buildings GB/T 16731-2023 4、Appendix D		2023-10-23
				Rating of sound absorption ISO 11654:1997 4		2023-10-23
				Acoustics - Determination of sound absorption coefficient and impedance in impedance tubes - Part 1: Method using standing wave ratio ISO 10534-1:1996 9		2023-10-23
				Acoustics — Determination of acoustic properties in impedance tubes — Part 2:Two-microphone technique for normal sound absorption coefficient and normal surface impedance ISO 10534-2:2023 7		2024-05-07

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		№	Item/ Parameter			
				Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method ASTM C423-2023 4~12		2024-05-07
				Standard Classification for Acoustically Absorptive Materials Applied by Trowel or Spray ASTM E1042-2022 4		2023-10-23
				Standard Practices for Mounting Test Specimens During Sound Absorption Tests ASTM E795-2023 19		2024-05-07
				Glass wool products for sound absorption JC/T469-2014 5.7		2023-10-23
				Standard Test Method for Impedance and Absorption of Acoustical Materials Using a Tube, Two Microphones and a Digital Frequency Analysis System ASTM E1050 - 2024 8		2024-09-29
				Test Method for Impedance and Absorption of Acoustical Materials by Impedance Tube Method ASTM C384-2004 10		2023-10-23
				Standard Test Method for Normal Incidence Determination of Porous Material Acoustical Properties Based on the Transfer Matrix Method ASTM E2611-2024 8		2024-09-29
				Acoustic elements of railway sound barrier TB/T 3122—2019 5.1		2023-10-23
		2	Sound Absorption	Acoustics - Measurement of sound absorption in a reverberation room GB/T 20247-2006ISO 354:2003 7		2023-10-23
				Sound absorption coefficient and impedance in impedance tube measurement - Part 1 standing wave tube GB/T 18696.1-2004 9		2023-10-23
				Acoustics--Determination of sound absorption coefficient and impedance in impedance tubes Part 2: Transfer function method GB/T 18696.2-2002 8		2023-10-23
				Classification of sound absorption property for absorbent products using in buildings GB/T 16731-2023 4、Appendix D		2023-10-23
				Rating of sound absorption ISO 11654:1997 4		2023-10-23

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				Acoustics - Determination of sound absorption coefficient and impedance in impedance tubes - Part 1: Method using standing wave ratio ISO 10534-1:1996 9		2023-10-23
				Acoustics — Determination of acoustic properties in impedance tubes — Part 2:Two-microphone technique for normal sound absorption coefficient and normal surface impedance ISO 10534-2:2023 7		2024-05-07
				Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method ASTM C423-2023 4		2024-05-07
				Standard Classification for Acoustically Absorptive Materials Applied by Trowel or Spray ASTM E1042-2022 4		2023-10-23
				Standard Practices for Mounting Test Specimens During Sound Absorption Tests ASTM E795-2023 19		2024-05-07
				Glass wool products for sound absorption JC/T469-2014 5.7		2023-10-23
				Standard Test Method for Impedance and Absorption of Acoustical Materials Using a Tube, Two Microphones and a Digital Frequency Analysis System ASTM E1050 - 2024 8		2024-09-29
				Test Method for Impedance and Absorption of Acoustical Materials by Impedance Tube Method ASTM C384-2004 10		2023-10-23
				Standard Test Method for Normal Incidence Determination of Porous Material Acoustical Properties Based on the Transfer Matrix Method ASTM E2611-2024 8		2024-09-29
				Acoustic elements of railway sound barrier TB/T 3122-2019 5.1		2023-10-23
		3	Acoustic Impedance	Acoustics--Determination of sound absorption coefficient and impedance in impedance tubes Part 2: Transfer function method GB/T 18696.2-2002 8		2023-10-23
				Acoustics — Determination of acoustic properties in impedance tubes — Part 2:Two-microphone technique for normal sound		2024-05-07

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				absorption coefficient and normal surface impedance ISO 10534-2:2023 7		
				Standard Test Method for Normal Incidence Determination of Porous Material Acoustical Properties Based on the Transfer Matrix Method ASTM E2611-2024 8		2024-09-29
				Standard Test Method for Impedance and Absorption of Acoustical Materials Using a Tube, Two Microphones and a Digital Frequency Analysis System ASTM E1050 - 2024 8		2024-09-29
		4	Insertion loss	Acoustics. Measurements on silencers in situ GB/T 19512-2004 8		2023-10-23
				Exhaust silencers for internal combustion engines. Measurement procedure GB/T 4759-2009 7		2023-10-23
				Standard Test Method for Normal Incidence Determination of Porous Material Acoustical Properties Based on the Transfer Matrix Method ASTM E2611-2024 8		2024-09-29
11	Building Materials	1	Sound insulation(Transmission Loss)	Acoustics-Measurement of sound insulation in buildings and of building elements-Part 1:Requirements for laboratory test facilities with suppressed flanking transmission GB/T 19889.1-2005 3~4		2023-10-23
				Acoustics—Measurement of sound insulation in buildings and of building elements—Part 2 : Determination and application of measurement uncertainties GB/T 19889.2-2022 4~6		2023-10-23
				Acoustics-Measurement of sound insulation in buildings and of building elements-Part 3:Laboratory measurements of airborne sound insulation of building elements GB/T 19889.3-2005 5~6		2023-10-23
				Acoustics-Measurement of sound insulation in buildings and of building elements-Part4:Field measurements of airborne sound insulation between rooms GB/T 19889.4-2005 5~6		2023-10-23
				Acoustics—Measurement of sound insulation in buildings and of building elements—Part 5: Field measurements of airborne sound		2023-10-23

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		№	Item/ Parameter			
				insulation of facade elements and facades GB/T 19889.5-2006 5~7		
				Acoustics-Measurement of sound insulation in buildings and of building elements-Part 6:Laboratory measurements of impact sound insulation of floors GB/T 19889.6-2005 5~6		2023-10-23
				Acoustics—Measurement of sound insulation in buildings and of building elements—Part 7 : Field measurement of impact sound insulation GB/T 19889.7-2022 5		2023-10-23
				Acoustics—Measurement of sound insulation in buildings and of building elements—Part 8 :Laboratory measurements of the reduction of transmitted impact noise by floor coverings on a heavyweight standard floor GB/T 19889.8-2006 5~6		2023-10-23
				Acoustics—Measurement of sound insulation in buildings and of building elements—Part 10：Laboratory measurements of airborne sound insulation of small building elements GB/T 19889.10-2006 5~7		2023-10-23
				Acoustics - Laboratory measurement of sound insulation of building elements - Part 1: Application rules for specific products ISO 10140-1-2021 4~Annex K		2023-10-23
				Acoustics - Laboratory measurement of sound insulation of building elements - Part 2: Measurement of airborne sound insulation ISO 10140-2-2021 5~7		2023-10-23
				Acoustics - Laboratory measurement of sound insulation of building elements - Part 3: Measurement of impact sound insulation ISO 10140-3-2021 5~7		2023-10-23
				Acoustics - Laboratory measurement of sound insulation of building elements - Part 4: Measurement procedures and requirements ISO 10140-4-2021 4~5		2023-10-23
				Acoustics - Laboratory measurement of sound insulation of building elements - Part 5: Requirements for test facilities and		2023-10-23

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		№	Item/ Parameter			
				equipment ISO 10140-5:2021 3~5		
				Acoustics-Determination of sound insulation performances of enclosures--Part 1:Measurements under laboratory conditions (for declaration purposes) GB/T 18699.1-2002ISO 11546-1:1995 5~8		2023-10-23
				Acoustics--Determination of sound insulation performances of enclosures--Part 2:Measurements in situ (for acceptance and verification purposes) GB/T 18699.2-2002ISO 11546-2:1995 5~7		2023-10-23
				The graduation and test method for airborne sound insulating properties of windows and doors GB/T 8485-2008 5		2023-10-23
				Standard Practices for Mounting Test Specimens During Sound Absorption Tests ASTM E795-2023 19		2024-05-07
				Acoustics -- Rating of sound insulation in buildings and of building elements -- Part 1: Airborne sound insulation ISO 717-1:2020 4		2023-10-23
				Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements ASTM E90-2023 10		2024-05-07
				Classification for Rating Sound Insulation ASTM E413-2022 5		2023-10-23
				Standard Guide for Field Measurements of Airborne Sound Attenuation of Building Facades and Facade Elements ASTM E966-2018 3~10		2023-10-23
				Rating standard of sound insulation in buildings GB/T 50121-2005 3~5		2023-10-23
				Windows for sound insulation HJ/T 17-1996 4		2023-10-23
				Standard Test Method for Normal Incidence Determination of Porous Material Acoustical Properties Based on the Transfer Matrix Method ASTM E2611-2024 8		2024-09-29

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				Acoustics -- Field measurement of sound insulation in buildings and of building elements -- Part 1: Airborne sound insulation ISO 16283-1:2014+A1:2017 7~10		2024-05-07
				Standard Test Method for Measurement of Airborne Sound Attenuation between Rooms in Buildings ASTM E336-2024 11		2025-01-26
				Standard Test Method for Airborne Sound Attenuation Between Rooms Sharing a Common Ceiling Plenum ASTM E 1414-2021 9		2023-10-23
				Glass in building - Glazing and airborne sound insulation - Product descriptions, determination of properties and extension rules ISO 22897-2023 5		2024-05-07
				Classification for Rating Outdoor-Indoor Sound Attenuation ASTM E1332-2022 5		2023-10-23
				Acoustic elements of railway sound barrier TB/T 3122-2019 5.2		2023-10-23
12	Motor Vehicles	1	Noise Inside Motor Vehicles	Acoustics-Measurement of noise inside motor vehicles GB/T 18697-2002 10		2023-10-23
13	Acoustical environment	1	Background Noise	Acoustics—Determination of sound power levels and sound energy levels of noise sources using sound pressure—Precision methods for anechoic rooms and hemi-anechoic rooms GB/T 6882-2016 ISO 3745-2012 5.2		2023-10-23
				Determination of sound power levels and sound energy levels of noise sources using sound pressure -- Engineering methods for an essentially free field over a reflecting plane GB/T 3767-2016 4.2		2023-10-23
				Acoustics-Determination of sound power levels and sound energy levels of noise sources using sound pressure-Survey method using an enveloping measurement surface over a reflecting plane GB/T 3768-2017 4.3		2023-10-23
				Acoustics. Determination of sound power levels and sound energy levels of noise sources using sound pressure. Survey		2023-10-23

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				method using an enveloping measurement surface over a reflecting plane ISO 3746:2010 4.2		
				Acoustics. Determination of sound power levels and sound energy levels of noise sources using sound pressure. Engineering methods for an essentially free field over a reflecting plane ISO 3744:2010 4.3		2023-10-23
				Acoustics. Determination of sound power levels and sound energy levels of noise sources using sound pressure. Engineering/survey methods for use in situ in a reverberant environment ISO 3747:2010 4		2023-10-23
				Acoustics. Noise emitted by machinery and equipment. Determination of emission sound pressure levels at a work station and at other specified positions in an essentially free field over a reflecting plane with negligible environmental corrections GB/T 17248.2-2018 5		2023-10-23
				Acoustics. Noise emitted by machinery and equipment. Determination of emission sound pressure levels at a work station and at other specified positions applying approximate environmental corrections GB/T 17248.3-2018 5		2023-10-23
				Acoustics. Noise emitted by machinery and equipment. Determination of emission sound pressure levels at a work station and at other specified positions in an essentially free field over a reflecting plane with negligible environmental corrections ISO 11201：2010 5.4		2023-10-23
				Acoustics. Noise emitted by machinery and equipment. Determination of emission sound pressure levels at a work station and at other specified positions applying approximate environmental corrections ISO 11202:2010+AMD1:2020 6.4		2024-05-07
				Safety of toys - Part 1: Mechanical and physical properties EN 71-1:2014+A1:2018 8		2024-05-07

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				Acoustics—Determination of sound power levels and sound energy levels of noise sources using sound pressure—Precision methods for anechoic rooms and hemi-anechoic rooms GB/T 6882-2016 ISO 3745-2012 B3		2023-10-23
				Determination of sound power levels and sound energy levels of noise sources using sound pressure -- Engineering methods for an essentially free field over a reflecting plane GB/T 3767-2016 A2~A3		2023-10-23
				Acoustics-Determination of sound power levels and sound energy levels of noise sources using sound pressure-Survey method using an enveloping measurement surface over a reflecting plane GB/T 3768-2017 A3		2023-10-23
		2	K2 coefficient	Acoustics. Determination of sound power levels and sound energy levels of noise sources using sound pressure. Survey method using an enveloping measurement surface over a reflecting plane ISO 3746:2010 A		2023-10-23
				Acoustics. Determination of sound power levels and sound energy levels of noise sources using sound pressure. Engineering methods for an essentially free field over a reflecting plane ISO 3744:2010 A2~A3		2023-10-23
				Acoustics. Determination of sound power levels and sound energy levels of noise sources using sound pressure. Engineering/survey methods for use in situ in a reverberant environment ISO 3747:2010 A		2023-10-23
				Acoustics. Noise emitted by machinery and equipment. Determination of emission sound pressure levels at a work station and at other specified positions in an essentially free field over a reflecting plane with negligible environmental corrections GB/T 17248.2-2018 5		2023-10-23
				Acoustics. Noise emitted by machinery and equipment.		2023-10-23

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				Determination of emission sound pressure levels at a work station and at other specified positions applying approximate environmental corrections GB/T 17248.3-2018 5		
				Acoustics. Noise emitted by machinery and equipment. Determination of emission sound pressure levels at a work station and at other specified positions in an essentially free field over a reflecting plane with negligible environmental corrections ISO 11201：2010 5.2.2		2023-10-23
				Acoustics. Noise emitted by machinery and equipment. Determination of emission sound pressure levels at a work station and at other specified positions applying approximate environmental corrections ISO 11202:2010+AMD1:2020 6.2		2024-05-07
				Safety of toys - Part 1: Mechanical and physical properties EN 71-1:2014+A1:2018 8.28.1.4		2024-05-07
		3	Reverberation Time	Acoustics - Application of new measurement methods in building and room acoustics ISO 18233:2006 6		2023-10-23
				Acoustics — Measurement of room acoustic parameters Part 2: Reverberation time in ordinary rooms ISO 3382-2:2008 5		2023-10-23
				Code for measurement of the reverberation time in rooms GB/T 50076-2013 4		2023-10-23
				Acoustics - Measurement of room acoustic parameters - Part 2: Reverberation time in ordinary rooms GB/T 36075.2-2018 5		2023-10-23
14	Acoustic Electronic products	1	Sound Pressure level	Test method for noise of household and similar electrical appliances - General requirements GB/T4214.1-2017 7		2023-10-23
				Acoustics - Measurement of airborne noise emitted by information technology and telecommunications equipment GB/T18313-2001 ISO 7779:2018 7.7		2023-10-23
				Environmental Engineering (EE); Acoustic noise emitted by telecommunications equipment ETSI EN 300 753 -2012 5		2024-05-07

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				Acoustics—Determination of sound power levels and sound energy levels of noise sources using sound pressure—Precision methods for reverberation test rooms GB/T 6881-2023 ISO 3741-2010 8		2024-09-29
				Acoustic—Determination of sound power levels and sound energy levels of noise sources using sound pressure—Precision methods for anechoic rooms and hemi-anechoic rooms GB/T 6882-2016 ISO 3745-2012 9		2023-10-23
				Determination of sound power levels and sound energy levels of noise sources using sound pressure -- Engineering methods for an essentially free field over a reflecting plane GB/T 3767-2016 8		2023-10-23
				Acoustics-Determination of sound power levels and sound energy levels of noise sources using sound pressure-Survey method using an enveloping measurement surface over a reflecting plane GB/T 3768-2017 7		2023-10-23
				Acoustics. Determination of sound power levels and sound energy levels of noise sources using sound pressure. Survey method using an enveloping measurement surface over a reflecting plane ISO 3746:2010 8		2023-10-23
				Acoustics. Determination of sound power levels and sound energy levels of noise sources using sound pressure. Engineering methods for an essentially free field over a reflecting plane ISO 3744:2010 8		2023-10-23
				Acoustics. Determination of sound power levels and sound energy levels of noise sources using sound pressure. Precision methods for reverberation test rooms ISO 3741:2010 8		2023-10-23
				Noise limit value for household and similar electrical appliances GB 19606-2004 7		2023-10-23
				Fan coil unit GB/T 19232-2019 6.2.6		2023-10-23

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				Methods of noise measurement for fans blowers compressors and Roots blowers GB/T 2888-2008 9		2023-10-23
				Acoustics—Noise emitted by machinery and equipment—Guidelines for the use of basic standards for the determination of emission sound pressure levels at a work station and at other specified positions GB/T 17248.1-2022 ISO 11200：2014 4~6		2023-10-23
				Acoustics. Noise emitted by machinery and equipment. Determination of emission sound pressure levels at a work station and at other specified positions in an essentially free field over a reflecting plane with negligible environmental corrections GB/T 17248.2-2018 ISO 11201：2010 10		2023-10-23
				Acoustics. Noise emitted by machinery and equipment. Determination of emission sound pressure levels at a work station and at other specified positions applying approximate environmental corrections GB/T 17248.3-2018 ISO 11202：2010 10		2024-05-07
				Acoustics--Noise emitted by machinery and equipment--Determination of emission sound pressure level at a work station and at other specified position from the sound power level GB/T 17248.4-1998ISO 11203：1995 10		2023-10-23
				Acoustics--Noise emitted by machinery and equipment--Measurement of emission sound pressure levels at a work station and at other specified positions--Method requiring environmental corrections GB/T 17248.5-2018 ISO 11204：2010 10		2023-10-23
				Smoke alarm devices EN14604:2005 5.17		2023-10-23
				Reciprocating internal combustion engine driven alternating current generating sets - Part 10:Measurement of airborne noise by the enveloping surface method GB/T 2820.10-2002 12		2023-10-23

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				Acoustics-Requirements for the performance and calibration o reference sound sources used for determination of sound power levels GB/T 4129-2003 ISO 6926-2016 7~8		2023-10-23
				Acoustics-Determination of sound power levels and sound energy levels of noise sources using sound pressure-Engineering methods for small movable sources in reverberant fields-Comparison method for a hard-walled test room GB/T 6881.2-2017 7		2023-10-23
				Acoustics. Determination of sound power levels of noise sources-using sound pressure. Engineering methods for small,movable sources in reverberant fields. Part 2:Methods for special reverberation test rooms GB/T 6881.3-2002 7		2023-10-23
				Gas detectors - Electrical apparatus for the detection of carbon monoxide in domestic premises Part 1: Test methods and performance requirements BS EN 50291-1-2018 6.3		2023-10-23
				Household Fire Warning System Units UL 985-2018 58		2023-10-23
				Air cleaner GB/T 18801-2022 7.5		2023-10-23
				Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 1: General requirements IEC 60704-1-2021 7		2023-10-23
		2	Sound Power level	Test method for noise of household and similar electrical appliances - General requirements GB/T4214.1-2017 7		2023-10-23
				Acoustics - Measurement of airborne noise emitted by information technology and telecommunications equipment GB/T18313-2001 ISO 7779:2018 7.7		2023-10-23
				Environmental Engineering (EE); Acoustic noise emitted by telecommunications equipment ETSI EN 300 753 -2012 5		2024-05-07
				Acoustic—Determination of sound power levels and sound energy levels of noise sources using sound pressure—Precision		2023-10-23

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				methods for anechoic rooms and hemi-anechoic rooms GB/T 6882-2016 ISO 3745-2012 9		
				Determination of sound power levels and sound energy levels of noise sources using sound pressure -- Engineering methods for an essentially free field over a reflecting plane GB/T 3767-2016 8		2023-10-23
				Acoustics-Determination of sound power levels and sound energy levels of noise sources using sound pressure-Survey method using an enveloping measurement surface over a reflecting plane GB/T 3768-2017 7		2023-10-23
				Acoustics. Determination of sound power levels and sound energy levels of noise sources using sound pressure. Survey method using an enveloping measurement surface over a reflecting plane ISO 3746:2010 8		2023-10-23
				Acoustics. Determination of sound power levels and sound energy levels of noise sources using sound pressure. Engineering methods for an essentially free field over a reflecting plane ISO 3744:2010 8		2023-10-23
				Noise limit value for household and similar electrical appliances GB 19606-2004 7		2023-10-23
				Fan coil unit GB/T 19232-2019 6.2.6		2023-10-23
				Methods of noise measurement for fans blowers compressors and Roots blowers GB/T 2888-2008 9		2023-10-23
				Acoustics—Noise emitted by machinery and equipment—Guidelines for the use of basic standards for the determination of emission sound pressure levels at a work station and at other specified positions GB/T 17248.1-2022 ISO 11200：2014 4~6		2023-10-23
				Acoustics. Noise emitted by machinery and equipment. Determination of emission sound pressure levels at a work station and at other specified positions in an essentially free field over a		2023-10-23

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				reflecting plane with negligible environmental corrections GB/T 17248.2-2018 ISO 11201：2010 10		
				Acoustics. Noise emitted by machinery and equipment. Determination of emission sound pressure levels at a work station and at other specified positions applying approximate environmental corrections GB/T 17248.3-2018 ISO 11202：2010 10		2023-10-23
				Acoustics--Noise emitted by machinery and equipment--Determination of emission sound pressure level at a work station and at other specified position from the sound power level GB/T 17248.4-1998ISO 11203：1995 10		2023-10-23
				Acoustics--Noise emitted by machinery and equipment--Measurement of emission sound pressure levels at a work station and at other specified positions--Method requiring environmental corrections GB/T 17248.5-2018 ISO 11204：2010 10		2023-10-23
				Smoke alarm devices EN14604:2005 5.17		2023-10-23
				Reciprocating internal combustion engine driven alternating current generating sets - Part 10:Measurement of airborne noise by the enveloping surface method GB/T 2820.10-2002 12		2023-10-23
				Acoustics-Requirements for the performance and calibration o reference sound sources used for determination of sound power levels GB/T 4129-2003 ISO 6926-2016 7~8		2023-10-23
				Acoustics-Determination of sound power levels and sound energy levels of noise sources using sound pressure-Engineering methods for small movable sources in reverberant fields-Comparison method for a hard-walled test room GB/T 6881.2-2017 7		2023-10-23
				Acoustics. Determination of sound power levels of noise sources-using sound pressure. Engineering methods for small,movable		2023-10-23

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				sources in reverberant fields. Part 2:Methods for special reverberation test rooms GB/T 6881.3-2002 7		
				Household Fire Warning System Units UL 985-2018 58		2023-10-23
				Air cleaner GB/T 18801-2022 7.5		2023-10-23
				Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 1: General requirements IEC 60704-1-2021 7		2023-10-23
		3	Frequency	Test method for noise of household and similar electrical appliances - General requirements GB/T4214.1-2017 7		2023-10-23
				Acoustics - Measurement of airborne noise emitted by information technology and telecommunications equipment GB/T18313-2001 ISO 7779:2018 7.7		2023-10-23
				Environmental Engineering (EE); Acoustic noise emitted by telecommunications equipment ETSI EN 300 753 -2012 5		2024-05-07
				Acoustic—Determination of sound power levels and sound energy levels of noise sources using sound pressure—Precision methods for anechoic rooms and hemi-anechoic rooms GB/T 6882-2016 ISO 3745-2012 9		2023-10-23
				Determination of sound power levels and sound energy levels of noise sources using sound pressure -- Engineering methods for an essentially free field over a reflecting plane GB/T 3767-2016 8		2023-10-23
				Acoustics-Determination of sound power levels and sound energy levels of noise sources using sound pressure-Survey method using an enveloping measurement surface over a reflecting plane GB/T 3768-2017 7		2023-10-23
				Acoustics. Determination of sound power levels and sound energy levels of noise sources using sound pressure. Survey method using an enveloping measurement surface over a reflecting plane ISO 3746:2010 8		2023-10-23

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				Acoustics. Determination of sound power levels and sound energy levels of noise sources using sound pressure. Engineering methods for an essentially free field over a reflecting plane ISO 3744:2010 8		2023-10-23
				Acoustics. Determination of sound power levels and sound energy levels of noise sources using sound pressure. Precision methods for reverberation test rooms ISO 3741:2010 8		2023-10-23
				Noise limit value for household and similar electrical appliances GB 19606-2004 7		2023-10-23
				Fan coil unit GB/T 19232-2019 6.2.6		2023-10-23
				Methods of noise measurement for fans blowers compressors and Roots blowers GB/T 2888-2008 9		2023-10-23
				Acoustics—Noise emitted by machinery and equipment—Guidelines for the use of basic standards for the determination of emission sound pressure levels at a work station and at other specified positions GB/T 17248.1-2022 ISO 11200：2014 4~6		2023-10-23
				Acoustics. Noise emitted by machinery and equipment. Determination of emission sound pressure levels at a work station and at other specified positions in an essentially free field over a reflecting plane with negligible environmental corrections GB/T 17248.2-2018 ISO 11201：2010 10		2023-10-23
				Acoustics. Noise emitted by machinery and equipment. Determination of emission sound pressure levels at a work station and at other specified positions applying approximate environmental corrections GB/T17248.3-2018 ISO 11202：2010 10		2023-10-23
				Acoustics--Noise emitted by machinery and equipment--Determination of emission sound pressure level at a work station and at other specified position from the sound power level GB/T		2023-10-23

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		№	Item/ Parameter			
				17248.4-1998ISO 11203：1995 10		
				Acoustics--Noise emitted by machinery and equipment--Measurement of emission sound pressure levels at a work station and at other specified positions--Method requiring environmental corrections GB/T 17248.5-2018 ISO 11204：2010 10		2023-10-23
				Smoke alarm devices EN14604:2005 5.17		2023-10-23
				Reciprocating internal combustion engine driven alternating current generating sets - Part 10:Measurement of airborne noise by the enveloping surface method GB/T 2820.10-2002 12		2023-10-23
				Acoustics-Requirements for the performance and calibration o reference sound sources used for determination of sound power levels GB/T 4129-2003 ISO 6926-2016 7~8		2023-10-23
				Acoustics-Determination of sound power levels and sound energy levels of noise sources using sound pressure-Engineering methods for small movable sources in reverberant fields-Comparison method for a hard-walled test room GB/T 6881.2-2017 7		2023-10-23
				Acoustics. Determination of sound power levels of noise sources-using sound pressure. Engineering methods for small,movable sources in reverberant fields. Part 2:Methods for special reverberation test rooms GB/T 6881.3-2002 7		2023-10-23
				Gas detectors - Electrical apparatus for the detection of carbon monoxide in domestic premises Part 1: Test methods and performance requirements BS EN 50291-1-2018 6.3		2023-10-23
				Household Fire Warning System Units UL 985-2018 58		2023-10-23
				Air cleaner GB/T 18801-2022 7.5		2023-10-23

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				Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 1: General requirements IEC 60704-1-2021 7		2023-10-23
15	Loudspeakers	1	Frequency Response	Sound system equipment—Part 5:Methods of measurement for main characteristics of loudspeakers GB/T 12060.5-2011 21		2023-10-23
				Performance requirements and test methods of horn for motor vehicles GB 15742-2019 3		2023-10-23
		2	Sound power	Sound system equipment—Part 5:Methods of measurement for main characteristics of loudspeakers GB/T 12060.5-2011 22		2023-10-23
				Performance requirements and test methods of horn for motor vehicles GB 15742-2019 3		2023-10-23
		3	Sound Pressure Level	Sound system equipment—Part 5:Methods of measurement for main characteristics of loudspeakers GB/T 12060.5-2011 22		2023-10-23
		4	Impedance	Sound system equipment—Part 5:Methods of measurement for main characteristics of loudspeakers GB/T 12060.5-2011 22		2023-10-23
		5	Distortion	Sound system equipment—Part 5:Methods of measurement for main characteristics of loudspeakers GB/T 12060.5-2011 22		2023-10-23
16	Hearing aids	1	Sound pressure level	Electroacoustics - Hearing aids - Part 0:Measurement of electroacoustical characteristics Measurement of Electroacoustical Characteristics GB/T 25102.100-2010 6		2023-10-23
				Electroacoustics - Hearing aids - Part 0: Measurement of the performance characteristics of hearing aids IEC 60118-0:2022 7~10		2023-10-23
		2	Frequency	Electroacoustics - Hearing aids - Part 0:Measurement of electroacoustical characteristics Measurement of Electroacoustical Characteristics GB/T 25102.100-2010 6		2023-10-23
				Electroacoustics - Hearing aids - Part 0: Measurement of the performance characteristics of hearing aids IEC 60118-0:2022 7~10		2023-10-23

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17	Toys	1	A weighted equivalent sound pressure level, L_{Aeq}	Safety of toys-Part 1:Mechanical and physical properties EN 71-1:2014 8		2023-10-23
				Standard Consumer Safety Specification for Toy Safety ASTM F963-2023 8		2024-05-07
		2	C-weighted peak sound pressure level, L_{Cpeak}	Standard Consumer Safety Specification on Toy Safety ASTM F963-2023 8		2024-05-07
				Safety of toys-Part 1:Mechanical and physical properties EN 71-1:2014+A1:2018 8		2024-05-07
18	Test of Broadcasting sound reinforcement System	1	system function	Standard for electrical design of civil buildings GB 51348-2019 16.3		2023-10-23
				Code for acceptance of quality of intelligent building systems GB 50339-2013 6		2023-10-23
				Amplification, conference system installation project construction and acceptance standard GY 5055-2008 6		2023-10-23
		2	Test of sound pressure level	Standard for electrical design of civil buildings GB 51348-2019 16.3		2023-10-23
				Code for acceptance of quality of intelligent building systems GB 50339-2013 6		2023-10-23
				Amplification, conference system installation project construction and acceptance standard GY 5055-2008 6		2023-10-23
		3	Maximum output of voltage level	Standard for electrical design of civil buildings GB 51348-2019 16.3		2023-10-23
				Code for acceptance of quality of intelligent building systems GB 50339-2013 6		2023-10-23
				Amplification, conference system installation project construction and acceptance standard GY 5055-2008 6		2023-10-23
		4	Output SNR	Standard for electrical design of civil buildings GB 51348-2019 16.3		2023-10-23
				Code for acceptance of quality of intelligent building systems GB 50339-2013 6		2023-10-23

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				Amplification, conference system installation project construction and acceptance standard GY 5055-2008 6		2023-10-23
		5	Grounding resistance	Standard for electrical design of civil buildings GB 51348-2019 16.3		2023-10-23
				Code for acceptance of quality of intelligent building systems GB 50339-2013 6		2023-10-23
				Amplification, conference system installation project construction and acceptance standard GY 5055-2008 6		2023-10-23
		6	Reverberation Time	Standard for electrical design of civil buildings GB 51348-2019 16.3		2023-10-23
				Code for acceptance of quality of intelligent building systems GB 50339-2013 6		2023-10-23
				Amplification, conference system installation project construction and acceptance standard GY 5055-2008 6		2023-10-23
19	Pile Dynamic Measuring Instrument	1	Acceleration	Pile dynamic tester JG/T 518-2017 6		2023-10-23
		2	Frequency	Pile dynamic tester JG/T 518-2017 6		2023-10-23
20	Pure-tone audiometers	1	Audition zero level	Electroacoustics—Audiological equipment—Part 1:Pure-tone audiometers GB/T 7341.1-2010 6		2023-10-23
		2	Frequency	Electroacoustics—Audiological equipment—Part 1:Pure-tone audiometers GB/T 7341.1-2010 6		2023-10-23
		3	Distortion	Electroacoustics—Audiological equipment—Part 1:Pure-tone audiometers GB/T 7341.1-2010 6		2023-10-23
21	Aural Impedance Audiometers	1	Sound pressure	Electroacoustics—Audiometric equipment—Part 5: Instruments for the measurement of aural acoustic impedance/admittance GB/T 7341.5-2018 6		2023-10-23
		2	Pressure	Electroacoustics—Audiometric equipment—Part 5: Instruments for the measurement of aural acoustic impedance/admittance GB/T 7341.5-2018 6		2023-10-23

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		3	Frequency	Electroacoustics—Audiometric equipment—Part 5: Instruments for the measurement of aural acoustic impedance/admittance GB/T 7341.5-2018 6		2023-10-23
		4	Distortion	Electroacoustics—Audiometric equipment—Part 5: Instruments for the measurement of aural acoustic impedance/admittance GB/T 7341.5-2018 6		2023-10-23
22	Sound calibrators	1	Sound pressure level	Electroacoustics-Sound calibrators GB/T15173-2010 IEC 60942:2017 5.2		2023-10-23
		2	Distortion	Electroacoustics-Sound calibrators GB/T15173-2010 IEC 60942:2017 5.5		2023-10-23
		3	Frequency	Electroacoustics-Sound calibrators GB/T15173-2010 IEC 60942:2017 5.3		2023-10-23
23	Sound level meters	1	Sound pressure level	Electroacoustics—Sound level meters—Part 1:Specifications GB/T3785.1-2023 IEC 61672-1-2013 5		2024-05-07
				Electroacoustics—Sound level meters—Part 2: Pattern evaluation tests GB/T 3785.2-2023 IEC61672-2:2013+AMD1:2017 9		2024-05-07
				Electroacoustics - Sound level meters - Part 3: Periodic tests GB/T 3785.3-2018 IEC 61672-3:2013 5~22		2023-10-23
				Program of Pattern Evaluation of Sound Level Meters JJF 1681-2017 5~10		2023-10-23
24	Octave-band and fractional-octave-band filters	1	Relative voltage attenuation	Octave-band and fractional-octave-band filters GB/T3241-2010 5		2023-10-23
				Electroacoustics - Octave-band and fractional-octave-band filters OIML R130:2001 2		2023-10-23
25	Personal Sound Exposure Meters	1	Absoluteness sound sensitivity	Electroacoustics - Specifications for personal sound exposure meters GB/T 15952-2010 6		2023-10-23
26	Verification Regulation of Noise	1	Absolute Sensitivity	Noise Dosimeters technical conditions JB/T 6824-1993 5		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
	Dosimeters					
27	Measurement condenser microphones	1	Sensitivity	Electroacoustics General specification for measurement condenser microphones SJ/T 10724-2013 7		2023-10-23
				Electroacoustics Methods for determining main characteristics of measurement condenser microphones SJ/T 10725-2013 6		2023-10-23
				Measurement microphones - Part 4: Specifications for working standard microphones IEC 61094-4:1995 6		2023-10-23
				Electroacoustics — Measurement microphones Part 5: Methods for pressure calibration of working standard microphones by comparison IEC 61094-5:2016 6		2023-10-23
28	Reference sound sources	1	Sound Power	Acoustics-Requirements for the performance and calibration o reference sound sources used for determination of sound power levels GB/T 4129-2003 ISO 6926-2016 7~8		2023-10-23
29	Audio amplifiers	1	Voltage	Sound system equipment—Part 3:Methods of measurement on audio amplifiers GB/T 12060.3-2011 14		2023-10-23
30	Headphones and Earphones	1	Sound Pressure Level	Sound system equipment: Headphones and earphones associated with personal music players — Maximum sound pressure level measurement methodology Part 1: General method for "one package equipment" EN 50332-1-2013 6		2023-10-23
				Sound system equipment: Headphones and earphones associated with personal music players — Maximum sound pressure level measurement methodology Part 2: Matching of sets with headphones if either or both are offered separately, or are offered as one package equipment but with standardised connectors between the two allowing to combine components of different manufacturers or different design EN 50332-2-2013 5~6		2023-10-23
				General specification for headphones GB/T14471-2013 6		2023-10-23
		2	Maximum Output Voltage	Sound system equipment: Headphones and earphones associated with personal music players — Maximum sound pressure level		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
				measurement methodology Part 2: Matching of sets with headphones if either or both are offered separately, or are offered as one package equipment but with standardised connectors between the two allowing to combine components of different manufacturers or different design EN 50332-2-2013 5~6		
		3	Analog program signal characteristic voltage	Sound system equipment: Headphones and earphones associated with personal music players — Maximum sound pressure level measurement methodology Part 2: Matching of sets with headphones if either or both are offered separately, or are offered as one package equipment but with standardised connectors between the two allowing to combine components of different manufacturers or different design EN 50332-2-2013 5~6		2023-10-23
		4	Impedance	General specification for headphones GB/T14471-2013 6		2023-10-23
31	Vibration measuring instrument	1	Acceleration	Human response to vibration-measuring instrumentation GB/T 23716-2009 5		2023-10-23
Ⅷ Pressure Measurement						
1	General pressure gauge	1	apparent inspection	General pressure gauge GB/T 1226-2017 5.11		2023-10-23
		2	indication error	General pressure gauge GB/T 1226-2017 6.5		2023-10-23
		3	hysteresis error	General pressure gauge GB/T 1226-2017 6.6		2023-10-23
		4	stability of indicator deflection	General pressure gauge GB/T 1226-2017 6.7		2023-10-23
		5	tap displacement	General pressure gauge GB/T 1226-2017 6.8		2023-10-23
		6	overpressure	General pressure gauge GB/T 1226-2017 6.10		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
2	Precision pressure gauge	1	apparent inspection	Accurate pressure gauge GB/T 1227-2017 4.12		2023-10-23
		2	indication error	Accurate pressure gauge GB/T 1227-2017 5.6		2023-10-23
		3	hysteresis error	Accurate pressure gauge GB/T 1227-2017 5.7		2023-10-23
		4	stability of indicator deflection	Accurate pressure gauge GB/T 1227-2017 5.8		2023-10-23
		5	tap displacement	Accurate pressure gauge GB/T 1227-2017 5.9		2023-10-23
		6	overpressure	Accurate pressure gauge GB/T 1227-2017 5.12		2023-10-23
3	digital pressure gauge	1	apparent inspection	Digital perssure gauge JB/T 7392-2006 4.18		2023-10-23
		2	additional function	Digital perssure gauge JB/T 7392-2006 5.19		2023-10-23
		3	indication error	Digital perssure gauge JB/T 7392-2006 5.4		2023-10-23
		4	hysteresis error	Digital perssure gauge JB/T 7392-2006 5.5		2023-10-23
		5	repeatability	Digital perssure gauge JB/T 7392-2006 5.6		2023-10-23
		6	zero error of static pressure	Digital perssure gauge JB/T 7392-2006 5.7		2023-10-23
		7	zero drift	Digital perssure gauge JB/T 7392-2006 5.8		2023-10-23
		8	stability	Digital perssure gauge JB/T 7392-2006 5.9		2023-10-23
		9	indication fluctuation	Digital perssure gauge JB/T 7392-2006 5.10		2023-10-23
		10	overpressure	Digital perssure gauge JB/T 7392-2006 5.12		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
4	Pressure transducer	1	indication error	Pressure/differential-pressure transmitter for use in industrial-process measure and control systems-Part 1:General specification GB/T 28474.1-2012 5.3.1		2023-10-23
				Pressure/differential-pressure transmitter for use in industrial-process measure and control systems-Part 2:Methods of evaluating the performance GB/T 28474.2-2012 5.3.1		2023-10-23
		2	apparent inspection	Pressure/differential-pressure transmitter for use in industrial-process measure and control systems-Part 1:General specification GB/T 28474.1-2012 5.5.3		2023-10-23
				Pressure/differential-pressure transmitter for use in industrial-process measure and control systems-Part 2:Methods of evaluating the performance GB/T 28474.2-2012 5.2.13		2023-10-23
		3	inaccuracy	Pressure/differential-pressure transmitter for use in industrial-process measure and control systems-Part 1:General specification GB/T 28474.1-2012 5.3.1		2023-10-23
				Pressure/differential-pressure transmitter for use in industrial-process measure and control systems-Part 2:Methods of evaluating the performance GB/T 28474.2-2012 5.3.1		2023-10-23
		4	hysteresis error	Pressure/differential-pressure transmitter for use in industrial-process measure and control systems-Part 1:General specification GB/T 28474.1-2012 5.3.3		2023-10-23
				Pressure/differential-pressure transmitter for use in industrial-process measure and control systems-Part 2:Methods of evaluating the performance GB/T 28474.2-2012 5.3.3		2023-10-23
		5	tightness	Pressure/differential-pressure transmitter for use in industrial-process measure and control systems-Part 1:General specification GB/T 28474.1-2012 5.5.1		2023-10-23
				Pressure/differential-pressure transmitter for use in industrial-process measure and control systems-Part 2:Methods of evaluating the performance GB/T 28474.2-2012 5.2.11		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		6	terminal-based conformity	Pressure/differential-pressure transmitter for use in industrial-process measure and control systems-Part 1:General specification GB/T 28474.1-2012 5.3.2		2023-10-23
				Pressure/differential-pressure transmitter for use in industrial-process measure and control systems-Part 2:Methods of evaluating the performance GB/T 28474.2-2012 5.3.2		2023-10-23
		7	influence of static pressure	Pressure/differential-pressure transmitter for use in industrial-process measure and control systems-Part 1:General specification GB/T 28474.1-2012 5.4.8		2023-10-23
				Pressure/differential-pressure transmitter for use in industrial-process measure and control systems-Part 2:Methods of evaluating the performance GB/T 28474.2-2012 5.2.2		2023-10-23
		8	inert zone	Pressure/differential-pressure transmitter for use in industrial-process measure and control systems-Part 1:General specification GB/T 28474.1-2012 5.3.5		2023-10-23
				Pressure/differential-pressure transmitter for use in industrial-process measure and control systems-Part 2:Methods of evaluating the performance GB/T 28474.2-2012 5.3.5		2023-10-23
		9	initial drift	Pressure/differential-pressure transmitter for use in industrial-process measure and control systems-Part 1:General specification GB/T 28474.1-2012 5.3.7		2023-10-23
				Pressure/differential-pressure transmitter for use in industrial-process measure and control systems-Part 2:Methods of evaluating the performance GB/T 28474.2-2012 5.3.7		2023-10-23
		10	installation position	Pressure/differential-pressure transmitter for use in industrial-process measure and control systems-Part 1:General specification GB/T 28474.1-2012 5.4.5		2023-10-23
				Pressure/differential-pressure transmitter for use in industrial-process measure and control systems-Part 2:Methods of evaluating the performance GB/T 28474.2-2012 5.4.5		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		11	over range	Pressure/differential-pressure transmitter for use in industrial-process measure and control systems-Part 1:General specification GB/T 28474.1-2012 5.4.6		2023-10-23
				Pressure/differential-pressure transmitter for use in industrial-process measure and control systems-Part 2:Methods of evaluating the performance GB/T 28474.2-2012 5.4.6		2023-10-23
		12	influence of output load	Pressure/differential-pressure transmitter for use in industrial-process measure and control systems-Part 1:General specification GB/T 28474.1-2012 5.4.13		2023-10-23
				Pressure/differential-pressure transmitter for use in industrial-process measure and control systems-Part 2:Methods of evaluating the performance GB/T 28474.2-2012 5.4.13		2023-10-23
5	Pressure gauges tester	1	Appearance and structure	Pressure gauges tester JB/T 599-2005 4.8		2023-10-23
		2	Compression resistance	Pressure gauges tester JB/T 599-2005 5.2		2023-10-23
		3	Tightness	Pressure gauges tester JB/T 599-2005 5.3		2023-10-23
6	Digital Barometers	1	Indication error	Program of Pattern Evaluation of Digital Barometers JJF 1625-2017 9.2.1	(0～158)kPa	2023-10-23
		2	Hysteresis error	Program of Pattern Evaluation of Digital Barometers JJF 1625-2017 9.2.2	(0～158)kPa	2023-10-23
		3	Repeatability	Program of Pattern Evaluation of Digital Barometers JJF 1625-2017 9.2.3	(0～158)kPa	2023-10-23
		4	Long-term Stability	Program of Pattern Evaluation of Digital Barometers JJF 1625-2017 9.2.4	(0～158)kPa	2023-10-23
		5	Overpressure	Program of Pattern Evaluation of Digital Barometers JJF 1625-2017 9.2.5	(0～158)kPa	2023-10-23
Ⅸ Energy efficiency measurement						

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
1	Household induction cookers	1	Thermal efficiency	Minimum allowable values of the energy efficiency and energy efficiency grades for household induction cookers GB 21456-2014 Appendix B		2023-10-23
				Rules of Metrology Testing for Energy Efficiency of Household Induction Cookers JJF1261.3-2017 7.2		2023-10-23
		2	Standby mode efficiency	Minimum allowable values of the energy efficiency and energy efficiency grades for household induction cookers GB 21456-2014 Appendix C		2023-10-23
				Rules of Metrology Testing for Energy Efficiency of Household Induction Cookers JJF1261.3-2017 7.2		2023-10-23
2	Household and similar microwave ovens	1	Energy efficiency grades for microwave ovens	Minimum allowable values of energy efficiency and energy efficiency grades for household and similar microwave ovens GB 24849-2017 Annex A		2023-10-23
				Rules of Metrology Testing for Energy Efficiency of Household and Similar Microwave Ovens JJF1261.10-2023 7.2		2024-05-07
		2	Energy efficiency grades for barbecue function	Minimum allowable values of energy efficiency and energy efficiency grades for household and similar microwave ovens GB 24849-2017 Appendix B		2023-10-23
				Rules of Metrology Testing for Energy Efficiency of Household and Similar Microwave Ovens JJF1261.10-2023 7.2		2024-05-07
		3	Standby mode power consumption	Minimum allowable values of energy efficiency and energy efficiency grades for household and similar microwave ovens GB 24849-2017 Appendix C		2023-10-23
				Rules of Metrology Testing for Energy Efficiency of Household and Similar Microwave Ovens JJF1261.10-2023 7.2		2024-05-07
		4	Off mode power	Minimum allowable values of energy efficiency and energy efficiency grades for household and similar microwave ovens GB 24849-2017 Appendix C		2023-10-23
				Rules of Metrology Testing for Energy Efficiency of Household and Similar Microwave Ovens JJF1261.10-2023 7.2		2024-05-07

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
3	copy machines	1	typical energy consumption	Minimum allowable values of energy efficiency and energy efficiency grades for copy machines,printers and fax machines GB 21521-2014 5		2023-10-23
4	printers and fax machines	1	Typical energy consumption	Minimum allowable values of energy efficiency and energy efficiency grades for copy machines,printers and fax machines GB 21521-2014 5		2023-10-23
				Rules of Metrology Testing for Energy Efficiency of Copy Machines,Printers and Fax Machines JJF1261.17-2017 7.2		2023-10-23
		2	power of operation mode	Minimum allowable values of energy efficiency and energy efficiency grades for copy machines,printers and fax machines GB 21521-2014 5.1.2,5.2.2		2023-10-23
				Rules of Metrology Testing for Energy Efficiency of Copy Machines,Printers and Fax Machines JJF1261.17-2017 7.2		2023-10-23
		3	Standby efficiency	Minimum allowable values of energy efficiency and energy efficiency grades for copy machines,printers and fax machines GB 21521-2014 5.1.2,5.2.2		2023-10-23
				Rules of Metrology Testing for Energy Efficiency of Copy Machines,Printers and Fax Machines JJF1261.17-2017 7		2023-10-23
		4	Default delay time	Minimum allowable values of energy efficiency and energy efficiency grades for copy machines,printers and fax machines GB 21521-2014 5.1.2,5.2.2		2023-10-23
				Rules of Metrology Testing for Energy Efficiency of Copy Machines,Printers and Fax Machines JJF1261.17-2017 7.2		2023-10-23
5	AC contactors	1	Holding power	Minimum allowable values of energy efficiency and energy efficiency grades for automatic electric rice cookers GB 21518-2022 5.1		2023-10-23
				Rules of Metrology Testing for Energy Efficiency of AC Contactors JJF1261.18-2017 7.2		2023-10-23
6	Automatic electric rice	1	Thermal efficiency	Minimum allowable values of energy efficiency and energy efficiency grades for electric rice cookers GB 12021.6-2017		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
	cookers			Appendix A		
				Rules of Metrology Testing for Energy Efficiency of Automatic Electric Rice Cookers JJF1261.5-2022 7.2.2.1		2023-10-23
		2	Standby power	Minimum allowable values of energy efficiency and energy efficiency grades for electric rice cookers GB 12021.6-2017 Appendix A		2023-10-23
				Rules of Metrology Testing for Energy Efficiency of Automatic Electric Rice Cookers JJF1261.5-2022 7.2.2.2		2023-10-23
		3	Thermal insulation consumption	Minimum allowable values of energy efficiency and energy efficiency grades for electric rice cookers GB 12021.6-2017 Appendix A		2023-10-23
				Rules of Metrology Testing for Energy Efficiency of Automatic Electric Rice Cookers JJF1261.5-2022 7.2.2.3		2023-10-23
		4	Input power	Safety of household and similar electrical appliances—Particular requirements for appliances of heating liquids GB 4706.19-2008 10		2023-10-23
7	Power supplies	1	Average efficiency	Minimum allowable values of energy efficiency and evaluating values of energy conservation for single voltage external AC-DC and AC-AC power supplies GB 20943-2013 Appendix A		2023-10-23
		2	Idle active power	Minimum allowable values of energy efficiency and evaluating values of energy conservation for single voltage external AC-DC and AC-AC power supplies GB 20943-2013 Appendix A		2023-10-23
8	Industrial power	1	Power factor	General specification and safety requirements for DC power supply equipment of power projects GB/T 19826-2014 6.6		2023-10-23
		2	Accuracy of steady current	General specification and safety requirements for DC power supply equipment of power projects GB/T 19826-2014 6.3.2		2023-10-23
		3	Accuracy of steady voltage	General specification and safety requirements for DC power supply equipment of power projects GB/T 19826-2014 6.3.3		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		4	Ripple factor	General specification and safety requirements for DC power supply equipment of power projects GB/T 19826-2014 6.3.4		2023-10-23
		5	Dielectric Strength	Generl specification and safety requirements for DC power supply equipment of power projects GB/T 19826-2014 5.3.4		2023-10-23
		6	Insulation resistance	Generl specification and safety requirements for DC power supply equipment of power projects GB/T 19826-2014 5.3.2		2023-10-23
		7	Efficiency	On-line measurement on operating efficiency of power c onvertor equipments GB/T 18293-2001 4		2023-10-23
9	Industrial boilers	1	Exhaust fume temperature	Monitoring and testing for energy saving of coal fired industrial boilers GB/T15317-2009 4.4		2023-10-23
				Regulation on Energy Conservation and Environmental Protection Technology for Boiler TSG 91-2021 2.3.2		2023-10-23
		2	Air factor at exhaust outlet	Monitoring and testing for energy saving of coal fired industrial boilers GB/T15317-2009 4.5		2023-10-23
				Regulation on Energy Conservation and Environmental Protection Technology for Boiler TSG 91-2021 2.3.3		2023-10-23
		3	Boiler surface temperature	Monitoring and testing for energy saving of coal fired industrial boilers GB/T15317-2009 4.7		2023-10-23
		4	Exhaust gas composition	Monitoring and testing for energy saving of coal fired industrial boilers GB/T15317-2009 9.8		2023-10-23
				Regulation on Energy Conservation and Environmental Protection Technology for Boiler TSG 91-2021 2.3.3		2023-10-23
		5	Cold air into the furnace temperature	Regulation on Energy Conservation and Environmental Protection Technology for Boiler TSG 91-2021 9.7		2024-05-07
				Thermal performance test code for industrial boilers GB/T 10180-2017 5.4		2023-10-23
		6	Boiler efficiency	Thermal performance test code for industrial boilers GB/T 10180-2017 9	Do not test the carbon content in slag	2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
10	Energy saving test for heat transmission and distribution system	1	Surface temperature rise of insulating structures	Monitoring and testing for energy saving of heat-transmission and distribution system GB/T15910-2009 5.4		2023-10-23
		2	Temperature of measuring point	Monitoring and testing for energy saving of heat-transmission and distribution system GB/T15910-2009 5.4		2023-10-23
		3	Speed of wind of measuring point	Monitoring and testing for energy saving of heat-transmission and distribution system GB/T15910-2009 5.4		2023-10-23
		4	Trap leakage rate	Monitoring and testing for energy saving of heat-transmission and distribution system GB/T15910-2009 5.5		2023-10-23
11	Power supply distribution system of industrial enterprise	1	Daily load factor	Monitoring and testing method for energy saving of power supply distribution system of industrial enterprise GB/T16664-1996 4.3		2023-10-23
		2	Active power transformer	Monitoring and testing method for energy saving of power supply distribution system of industrial enterprise GB/T16664-1996 4.3		2023-10-23
		3	Reactive power transformer	Monitoring and testing method for energy saving of power supply distribution system of industrial enterprise GB/T16664-1996 4.3		2023-10-23
		4	Transformer load factor	Monitoring and testing method for energy saving of power supply distribution system of industrial enterprise GB/T16664-1996 4.3		2023-10-23
		5	Line loss factor	Monitoring and testing method for energy saving of power supply distribution system of industrial enterprise GB/T16664-1996 4.3		2023-10-23
		6	Power factor of enterprise electricity utilization system	Monitoring and testing method for energy saving of power supply distribution system of industrial enterprise GB/T16664-1996 4.3		2023-10-23
12	Air compressor unit and air distribution system	1	Air compressor exhaust temperature	Monitoring and testing for energy saving of air compressor unit and air distribution system GB/T 16665-2017 5		2023-10-23
		2	Cooling water inlet temperature in air compressor	Monitoring and testing for energy saving of air compressor unit and air distribution system GB/T 16665-2017 5		2023-10-23
		3	Cooling water temperature difference between	Monitoring and testing for energy saving of air compressor unit and air distribution system GB/T 16665-2017 5		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
			outlet and inlet in air compressor			
		4	Power consumption of air compressor unit	Monitoring and testing for energy saving of air compressor unit and air distribution system GB/T 16665-2017 5		2023-10-23
13	water balance	1	Water flow	General principles of water balance test GB/T12452-2022 5.3.4		2023-10-23
				Evaluating guide for water saving enterprises GB/T 7119-2018 Appendix B.1		2023-10-23
				Guide for energy balance of thermal power plant - Part 5: water balance test DL/T 606.5-2024 5.4.8		2025-01-26
		2	Water temperature	General principles of water balance test GB/T12452-2022 5.3.3		2023-10-23
				Guide for energy balance of thermal power plant - Part 5: water balance test DL/T 606.5-2024 5.4.3		2025-01-26
		3	The amount of piping and equipment leaks	General principles of water balance test GB/T12452-2022 5.3.4		2023-10-23
				Evaluating guide for water saving enterprises GB/T 7119-2018 Appendix B.9		2023-10-23
				Guide for energy balance of thermal power plant - Part 5: water balance test DL/T 606.5-2024 5.4		2025-01-26
		4	Steam condensate	General principles of water balance test GB/T12452-2022 5.3.4		2023-10-23
				Guide for energy balance of thermal power plant - Part 5: water balance test DL/T 606.5-2024 5.4		2025-01-26
		5	Water used in boiler	General principles of water balance test GB/T12452-2022 5.3.4		2023-10-23
				Guide for energy balance of thermal power plant - Part 5: water balance test DL/T 606.5-2024 5.4		2025-01-26
		6	Domestic water	General principles of water balance test GB/T12452-2022 5.3.4		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
				Evaluating guide for water saving enterprises GB/T 7119-2018 Appendix B.2		2023-10-23
				Guide for energy balance of thermal power plant - Part 5: water balance test DL/T 606.5-2024 5.4		2025-01-26
		7	Water equipment	General principles of water balance test GB/T12452-2022 5.3.4		2023-10-23
				Evaluating guide for water saving enterprises GB/T 7119-2018 Appendix B.3		2023-10-23
				Guide for energy balance of thermal power plant - Part 5: water balance test DL/T 606.5-2024 5.4		2025-01-26
		8	equipping ratio of water measuring instrument	General provisions on equipping and managing of the measuring instrument of water in organization of water using GB 24789-2022 5.2.4		2023-10-23
		9	water metering ratio	General provisions on equipping and managing of the measuring instrument of water in organization of water using GB 24789-2022 5.2.4		2023-10-23
14	Equipments and Pipes	1	Surface temperature	Method of measuring and evaluation thermal insulation effects for equipments and pipes GB/T8174-2008 4.1		2023-10-23
		2	Surface radiation loss	Method of measuring and evaluation thermal insulation effects for equipments and pipes GB/T8174-2008 4.2		2023-10-23
15	Electroheat furnace in dustrial heat treating	1	Comparable electricity consumption of unit product	Monitoring and testing for energy saving of heat treatment electric furnace GB/T 15318-2010 GB/T 15318-2010 5.3		2023-10-23
		2	Surface temperature rise of electroheat furnace	Monitoring and testing for energy saving of heat treatment electric furnace GB/T 15318-2010 GB/T 15318-2010 5.4		2023-10-23
16	Electroheat device in industry	1	Energy Conservation	Monitoring and testing method for energy saving of industrial electroheat devices GB/T15911-2021 4.3.4		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		2	Usage efficiency of electricity	Monitoring and testing method for energy saving of industrial electroheat devices GB/T15911-2021 5.1		2023-10-23
		3	Heating time	Monitoring and testing method for energy saving of industrial electroheat devices GB/T15911-2021 4.4		2023-10-23
		4	Surface temperature rise	Monitoring and testing method for energy saving of industrial electroheat devices GB/T15911-2021 4.5		2023-10-23
		5	Loss of empty furnace	Monitoring and testing method for energy saving of industrial electroheat devices GB/T15911-2021 4.6		2023-10-23
17	Steam heating and cook equipments	1	Temperature of scatter water (indirect cook equipment)	Monitoring and testing method for energy saving of steam heating equipments GB/T15914-2021 6.1		2023-10-23
		2	Temperature of cold steam	Monitoring and testing method for energy saving of steam heating equipments GB/T15914-2021 6.2		2023-10-23
		3	Temperature of over flow water of back-washing	Monitoring and testing method for energy saving of steam heating equipments GB/T15914-2021 6.3		2023-10-23
		4	Outer surface Temperature rise of equipment	Monitoring and testing method for energy saving of steam heating equipments GB/T15914-2021 6.5		2023-10-23
		5	Temperature of exhausting gas	Monitoring and testing method for energy saving of steam heating equipments GB/T15914-2021 6.4		2023-10-23
18	Dryness or colligating steam equipments	1	Temperature of water	Monitoring and testing method for energy saving of steam heating equipments GB/T15914-2021 6.1		2023-10-23
		2	Temperature of exhausted steam	Monitoring and testing method for energy saving of steam heating equipments GB/T15914-2021 6.4		2023-10-23
		3	Temperature of over flow water of back-washing	Monitoring and testing method for energy saving of steam heating equipments GB/T15914-2021 6.3		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		4	Outer surface temperature rise of equipment	Monitoring and testing method for energy saving of steam heating equipments GB/T15914-2021 6.5		2023-10-23
		5	Temperature of exhausete steam	Monitoring and testing method for energy saving of steam heating equipments GB/T15914-2021 6.2		2023-10-23
19	Electrical welding installation	1	Welding voltage	Monitoring and testing method for energy saving of electrical welding installation GB/T16667-1996 4.2.1		2023-10-23
		2	Power factor	Monitoring and testing method for energy saving of electrical welding installation GB/T16667-1996 4.2.1		2023-10-23
		3	Power supply	Monitoring and testing method for energy saving of electrical welding installation GB/T16667-1996 4.2.1		2023-10-23
		4	Electrical usage efficiency of electrical welding installation	Monitoring and testing method for energy saving of electrical welding installation GB/T16667-1996 4.2.2		2023-10-23
20	Heat-treatment furnace	1	Heat-treatment furnace heating zone	Test method for qualified work zone of heat treatment furnace GB/T 9452-2023 7		2024-05-07
21	Fuel gas	1	The content of CO\$CO_2$\$O_2$	Determination of particulates and sampling methods of gaseous pollutants emitted from exhaust gas of stationary sourse GB/T16157-1996 5.3		2023-10-23
		2	Pressure	Determination of particulates and sampling methods of gaseous pollutants emitted from exhaust gas of stationary sourse GB/T16157-1996 5.4		2023-10-23
		3	Temperature	Determination of particulates and sampling methods of gaseous pollutants emitted from exhaust gas of stationary sourse GB/T16157-1996 5.1		2023-10-23
		4	Velocity of flow and flow rate	Determination of particulates and sampling methods of gaseous pollutants emitted from exhaust gas of stationary sourse GB/T16157-1996 7		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		5	Particulate matter	Determination of particulates and sampling methods of gaseous pollutants emitted from exhaust gas of stationary sourse GB/T16157-1996 8		2023-10-23
22	Air-conditioning system and the pipe network	1	Indoor temperature and relative humidity	Code of acceptance for construction quality of ventilation and air conditioning works GB 50243-2016 7		2023-10-23
		2	Air flow	Code of acceptance for construction quality of ventilation and air conditioning works GB 50243-2016 7		2023-10-23
		3	Frozen water inlet temperature, return water temperature	The minimum allowable values of the energy efficiency and Energy efficiency grades for water chillers GB 19577-2015 5		2023-10-23
		4	Frozen water, cooling water flow	The minimum allowable values of the energy efficiency and Energy efficiency grades for water chillers GB 19577-2015 5		2023-10-23
		5	Fans, pumps transport energy efficiency	Code of acceptance for construction quality of ventilation and air conditioning works GB 50243-2016 7		2023-10-23
		6	Thermal efficiency of the cooling tower	Mechanical draft cooling towers—Part 1：Medium and small open cooling towers GB/T 7190.1-2018 附录 A		2023-10-23
		7	Energy efficiency index	The minimum allowable values of the energy efficiency and Energy efficiency grades for water chillers GB 19577-2015 5		2023-10-23
				Technical requirement of measurement and verification of energy savings,central air-conditioning system GB/T31349-2014 5,6		2023-10-23
23	Electrical equipment	1	Power supply	The principles for electricity balance of equipmen GB/T8222-2008 6		2023-10-23
		2	Effective power	The principles for electricity balance of equipmen GB/T8222-2008 6		2023-10-23
		3	Lost power	The principles for electricity balance of equipmen GB/T8222-2008 6		2023-10-23
		4	Efficiency of electric power	The principles for electricity balance of equipmen GB/T8222-2008 7		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
24	The quality of power	1	Voltage deviation	Power quality - Deviation of supply voltage GB/T12325-2008 5.2		2023-10-23
				Standard voltages GB/T156-2017 4		2023-10-23
		2	Voltage fluctuation and flicker	Power quality - Voltage fluctuation and flicker GB/T12326-2008 6，7		2023-10-23
		3	Voltage and current harmonic	Quality of electric energy supply--Harmonics inpublic supply network GB/T14549-1993 Appendix D		2023-10-23
		4	Three phases voltage unbalance	Power quality - Three-phase voltage unbalance GB/T15543-2008 6		2023-10-23
		5	Temporary and transient overvoltages	Power quality--Temporary and transient overvoltages GB/T18481-2001 5		2023-10-23
		6	Frequency deviation	Power quality - Frequency deviation for power system GB/T 15945-2008 4.1		2023-10-23
				Standard frequency GB/T 1980-2005 2		2023-10-23
25	Inverter	1	Output voltage	Inverter of wind and solar energy supply power system for off-grid GB/T 20321-2023 6.2		2024-05-07
		2	Output frequency	Inverter of wind and solar energy supply power system for off-grid GB/T 20321-2023 6.3		2024-05-07
		3	Harmonic component of Output voltage	Inverter of wind and solar energy supply power system for off-grid GB/T 20321-2023 6.4		2024-05-07
		4	Efficiency	Inverter of wind and solar energy supply power system for off-grid GB/T 20321-2023 6.5		2024-05-07
		5	Protection function	Inverter of wind and solar energy supply power system for off-grid GB/T 20321-2023 6.6		2024-05-07
		6	Insulation resistance and dielectric	Inverter of wind and solar energy supply power system for off-grid GB/T 20321-2023 6.11		2024-05-07

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
			strength			
		7	No load loss	Inverter of wind and solar energy supply power system for off-grid GB/T 20321-2023 6.8		2024-05-07
		8	Noise	Inverter of wind and solar energy supply power system for off-grid GB/T 20321-2023 6.12		2024-05-07
26	gas ultrasonic flow meters	1	sound velocity	Measurement of natural gas flow by gas ultrasonic flow meters GB/T 18604-2023 9.1.3	Accredited only for: based on the sound velocity comparison method	2023-10-23
				Ultrasonic gas flow meter performance online audit-Method using speed of sound cheking GB/T 30500-2014 6		2023-10-23
27	Water pump	1	Water flow	Water pump current capacity determination method GB/T3214-2007 Appendix D		2023-10-23
28	The main energy system (equipment) for Hotel	1	Annual comprehensive energy consumption per unit area	Test and evaluation methods of energy consumption for hotel DB44/T 1227-2013 5.3		2023-10-23
		2	Coefficient of performance of chiller (heat pump)	Test and evaluation methods of energy consumption for hotel DB44/T 1227-2013 6.1.1		2023-10-23
		3	Energy efficient ratio of cold-source system	Test and evaluation methods of energy consumption for hotel DB44/T 1227-2013 6.1.2		2023-10-23
		4	Average daily operation efficiency of boiler	Test and evaluation methods of energy consumption for hotel DB44/T 1227-2013 6.2		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		5	Efficiency of pump unit	Test and evaluation methods of energy consumption for hotel DB44/T 1227-2013 6.3		2023-10-23
		6	Utilization ratio of the electrical energy for fan unit	Test and evaluation methods of energy consumption for hotel DB44/T 1227-2013 6.4		2023-10-23
		7	Thermal performance of cooling tower	Test and evaluation methods of energy consumption for hotel DB44/T 1227-2013 6.5		2023-10-23
		8	Lighting power density of lighting system	Test and evaluation methods of energy consumption for hotel DB44/T 1227-2013 6.6		2023-10-23
		9	No-load loss and load loss of three-phase distribution transformers	Test and evaluation methods of energy consumption for hotel DB44/T 1227-2013 6.7		2023-10-23
		10	Harmonic voltage and harmonic current of power supply and distribution system	Test and evaluation methods of energy consumption for hotel DB44/T 1227-2013 6.8		2023-10-23
29	Fan unit	1	Loading percentage	Test and evaluation methods of energy efficiency for fan unit DB44/T 1209-2013 5.3.1		2023-10-23
				Monitoring and testing method of energy saving for fan unit and pipeline GB/T15913-2022 4		2023-10-23
		2	Total pressure of fan	Test and evaluation methods of energy efficiency for fan unit DB44/T 1209-2013 5.3.2		2023-10-23
				Monitoring and testing method of energy saving for fan unit and pipeline GB/T15913-2022 4		2023-10-23
		3	Flow of fan	Test and evaluation methods of energy efficiency for fan unit DB44/T 1209-2013 5.3.3		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
				Monitoring and testing method of energy saving for fan unit and pipeline GB/T15913-2022 4		2023-10-23
		4	Effective power of fan	Test and evaluation methods of energy efficiency for fan unit DB44/T 1209-2013 5.3.4		2023-10-23
				Monitoring and testing method of energy saving for fan unit and pipeline GB/T15913-2022 4		2023-10-23
		5	Input power of motor	Test and evaluation methods of energy efficiency for fan unit DB44/T 1209-2013 5.3.5		2023-10-23
				Monitoring and testing method of energy saving for fan unit and pipeline GB/T15913-2022 4		2023-10-23
		6	Efficiency of fan unit	Test and evaluation methods of energy efficiency for fan unit DB44/T 1209-2013 5.3.5		2023-10-23
				Monitoring and testing method of energy saving for fan unit and pipeline GB/T15913-2022 4		2023-10-23
30	Pump unit	1	Input power of motor	Measurement and evaluation methods of energy efficiency for pump unit DB44/T 1211-2013 6.3.1		2023-10-23
				Monitoring and testing for energy saving of motor-pump liquid transport system GB/T 16666-2012 5		2023-10-23
		2	Output power of motor	Measurement and evaluation methods of energy efficiency for pump unit DB44/T 1211-2013 6.3.1		2023-10-23
				Monitoring and testing for energy saving of motor-pump liquid transport system GB/T 16666-2012 5		2023-10-23
		3	Flow of pump	Measurement and evaluation methods of energy efficiency for pump unit DB44/T 1211-2013 6.3.5		2023-10-23
				Monitoring and testing for energy saving of motor-pump liquid transport system GB/T 16666-2012 5		2023-10-23
		4	Lift of pump	Measurement and evaluation methods of energy efficiency for pump unit DB44/T 1211-2013 Appendix A.5		2023-10-23
				Monitoring and testing for energy saving of motor-pump liquid transport system GB/T 16666-2012 5		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		5	Input power of pump	Measurement and evaluation methods of energy efficiency for pump unit DB44/T 1211-2013 6.3.4		2023-10-23
				Monitoring and testing for energy saving of motor-pump liquid transport system GB/T 16666-2012 5		2023-10-23
		6	Effective output power of pump	Measurement and evaluation methods of energy efficiency for pump unit DB44/T 1211-2013 6.3.5		2023-10-23
				Monitoring and testing for energy saving of motor-pump liquid transport system GB/T 16666-2012 5		2023-10-23
		7	Load factor of motor	Measurement and evaluation methods of energy efficiency for pump unit DB44/T 1211-2013 6.3.1		2023-10-23
				Monitoring and testing for energy saving of motor-pump liquid transport system GB/T 16666-2012 5		2023-10-23
		8	Operation efficiency of pump	Measurement and evaluation methods of energy efficiency for pump unit DB44/T 1211-2013 Appendix A.5		2023-10-23
				Monitoring and testing for energy saving of motor-pump liquid transport system GB/T 16666-2012 5		2023-10-23
		9	Operation efficiency of pump unit	Measurement and evaluation methods of energy efficiency for pump unit DB44/T 1211-2013 Appendix A.6		2023-10-23
				Monitoring and testing for energy saving of motor-pump liquid transport system GB/T 16666-2012 5		2023-10-23
31	Grid connection of PV system	1	Voltage deviation	Technical requirements for connecting photovoltaic power station to power system GB/T 19964-2024 9.3		2024-09-29
		2	Frequency	Technical requirements for connecting photovoltaic power station to power system GB/T 19964-2024 9.3		2024-09-29
		3	Harmonics and waveform distortion	Technical requirements for connecting photovoltaic power station to power system GB/T 19964-2024 10.3		2024-09-29
		4	Power factor	Technical requirements for connecting photovoltaic power station to power system GB/T 19964-2024 6		2024-09-29
		5	Voltage unbalance	Technical rule for connecting PV power station to electric power systems GB/T 19964-2024 10.4		2024-09-29

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		6	DC component	Technical requirements for connecting photovoltaic power station to power system GB/T 19964-2024 7		2024-09-29
		7	Voltage fluctuations and flicker	Technical requirements for connecting photovoltaic power station to power system GB/T 19964-2024 10.2		2024-09-29
		8	The maximum rate of change of power	Technical requirements for connecting photovoltaic power station to power system GB/T 19964-2024 5		2024-09-29
32	Off grid solar photovoltaic energy system	1	Irradiance	Efficiency testing of solar photovoltaic energy system ZYZ175-2019 5.1		2023-10-23
		2	Temperature of sub matrix	Efficiency testing of solar photovoltaic energy system ZYZ175-2019 5.2		2023-10-23
		3	Daylighting area of sub matrix	Efficiency testing of solar photovoltaic energy system ZYZ175-2019 5.3		2023-10-23
		4	Electric power	Efficiency testing of solar photovoltaic energy system ZYZ175-2019 5.4		2023-10-23
		5	Conversion efficiency	Efficiency testing of solar photovoltaic energy system ZYZ175-2019 6.1		2023-10-23
		6	Inverter efficiency	Efficiency testing of solar photovoltaic energy system ZYZ175-2019 6.2		2023-10-23
		7	System efficiency	Efficiency testing of solar photovoltaic energy system ZYZ175-2019 6.3		2023-10-23
33	Solar Simulator	1	Spectral match	Photovoltaic devices Part 9 :Solar simulator performance requirements GB/T 6495.9-2006 4.2		2023-10-23
				Detection Method of Solar Simulator ZYZ173-2019 5.2		2023-10-23
		2	Irradiance non-uniformity	Photovoltaic devices Part 9 :Solar simulator performance requirements GB/T 6495.9-2006 4.3		2023-10-23
				Detection Method of Solar Simulator ZYZ173-2019 5.3		2023-10-23
		3	Irradiance instability	Photovoltaic devices Part 9 :Solar simulator performance requirements GB/T 6495.9-2006 4.4		2023-10-23

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		№	Item/ Parameter			
				Detection Method of Solar Simulator ZYZ173-2019 5.4		2023-10-23
34	Pyranometer	1	Sensitivity	Pyranometer GB/T 19565-2017 7.3		2023-10-23
35	Ageing oven	1	Spectrum analysis	Photovoltaic devices Part 9 :Solar simulator performance requirements GB/T 6495.9-2006 4.2	Accredited only for: Ultraviolet and light Ageing oven	2023-10-23
				Detection Method of Photoaging Box ZYZ174-2019 5.2.2		2023-10-23
		2	Irradiance non-uniformity	Photovoltaic devices Part 9 :Solar simulator performance requirements GB/T 6495.9-2006 4.3		2023-10-23
				Detection Method of Photoaging Box ZYZ174-2019 5.2.3		2023-10-23
		3	Irradiance	Photovoltaic devices Part 9 :Solar simulator performance requirements GB/T 6495.9-2006 4.3		2023-10-23
				Detection Method of Photoaging Box ZYZ174-2019 5.2.2		2023-10-23
36	hand-held motor-operated electric tools	1	Insulation resistance	Safety of motor-operated hand-held, transportable electric tools and lawn and garden tools—Part 1:General requirements GB 3883.1-2014 Appendix D		2023-10-23
37	Air quality in public places	1	Air temperature	Examination methods for public places-Part 1: Physical parameters GB/T 18204.1-2013 3		2023-10-23
		2	Relative humidity	Examination methods for public places-Part 1: Physical parameters GB/T 18204.1-2013 4		2023-10-23
		3	Indoor wind speed	Examination methods for public places-Part 1: Physical parameters GB/T 18204.1-2013 5		2023-10-23
		4	Indoor wind fresh air volume	Examination methods for public places-Part 1: Physical parameters GB/T 18204.1-2013 6		2023-10-23

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		№	Item/ Parameter			
		5	Noise	Examination methods for public places-Part 1: Physical parameters GB/T 18204.1-2013 7		2023-10-23
		6	Illuminance	Examination methods for public places-Part 1: Physical parameters GB/T 18204.1-2013 8		2023-10-23
		7	Daylighting coefficient	Examination methods for public places-Part 1: Physical parameters GB/T 18204.1-2013 9		2023-10-23
		8	Atmospheric pressure	Examination methods for public places-Part 1: Physical parameters GB/T 18204.1-2013 10		2023-10-23
		9	Radiant heat	Examination methods for public places-Part 1: Physical parameters GB/T 18204.1-2013 11		2023-10-23
		10	Electromagnetic radiation	Examination methods for public places-Part 1: Physical parameters GB/T 18204.1-2013 13		2023-10-23
		11	Ultraviolet radiation	Examination methods for public places-Part 1: Physical parameters GB/T 18204.1-2013 14		2023-10-23
		12	Pool water temperature	Examination methods for public places-Part 1: Physical parameters GB/T 18204.1-2013 16		2023-10-23
		13	Formaldehyde	Examination methods for public places-Part 1: Chemical pollutants GB/T 18204.2-2014 7		2023-10-23
38	Ultra High Definition (4K) Display	1	Resolution	Technical Specification for 4K Ultra High Definition Terminal Display T/CVIA-35-2014 6.2.2	3840×2160 P	2023-10-23
				Geometrical Product Specifications(GPS)-Inspection of plain workpiece sizes GB/T3177-2009 4,5		2023-10-23
				Metal ruler GB/T 9056-2004 6		2023-10-23
39	Flexible Display	1	Bending Radius	Flexible display devices Part 6-1:Mechanaical test methods-Deformation tests IEC 62715-6-1-2018 6	(0～300)mm	2023-10-23
		2	Twist Angle	Flexible display devices Part 6-1:Mechanaical test methods-Deformation tests IEC 62715-6-1-2018 6	(0～180)°	2023-10-23
40	Semiconductor Light Emitting	1	Lifetime	Accelerated life test method for LED GB/T 36361-2018 5，6，7	（0～+∞）h	2023-10-23

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		№	Item/ Parameter			
	Devices					
41	Organic Light Emitting Display	1	Lifetime	Organic light emitting diode(OLED)displays--Part 5-3:Measuring methods of image sticking and lifetime SJ/T11461.5.3-2023 7	（0～+∞）h	2025-01-26
42	Data center	1	Electric energy usage effectiveness	Data center—Resource utilization—Part 3: Electric energy usage effectiveness requirements and measuring methods GB/T 32910.3-2016 7		2023-10-23
		2	Total electricity consumption	Maximum allowable values of energy efficiency and energy efficiency grades for data center GB40879-2021 6		2023-10-23
		3	Electricity consumption of information devices	Maximum allowable values of energy efficiency and energy efficiency grades for data center GB40879-2021 6		2023-10-23
		4	Total of electricity consumption	Maximum allowable values of energy efficiency and energy efficiency grades for data center GB40879-2021 6		2023-10-23
		5	Energy efficiency level	Data center—Resource utilization—Part 3: Electric energy usage effectiveness requirements and measuring methods GB/T 32910.3-2016 5		2023-10-23
				Data center—Resource utilization—Part 3: Electric energy usage effectiveness requirements and measuring methods GB/T 32910.3-2016 5		2023-10-23
43	Classroom Lighting	1	Illuminance	Technical specification for classroom lighting in primary and secondary school DB44/T 2335-2021 appendix B.1,B.2		2023-10-23
				Methods of lighting measurement GB/T 5700-2023 6.1		2024-09-29
		2	Average Illuminance	Technical specification for classroom lighting in primary and secondary school DB44/T 2335-2021 appendix B.3		2023-10-23
				Methods of lighting measurement GB/T 5700-2023 6.1		2024-09-29

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		3	Uniformity ratio of illuminance	Technical specification for classroom lighting in primary and secondary school DB44/T 2335-2021 Appendix B.4		2023-10-23
		4	Lighting Power Density	Technical specification for classroom lighting in primary and secondary school DB44/T 2335-2021 Appendix B.5		2023-10-23
				Methods of lighting measurement GB/T 5700-2023 6.6		2024-09-29
		5	Unified Glare Rating	Technical specification for classroom lighting in primary and secondary school DB44/T 2335-2021 appendix B.6		2023-10-23
				Standard for lighting design of buildings GB 50034-2024 appendix A		2024-09-29
		6	Correlated Colour Temperature	Technical specification for classroom lighting in primary and secondary school DB44/T 2335-2021 appendix B.7		2023-10-23
		7	Colour Rendering Index	Technical specification for classroom lighting in primary and secondary school DB44/T 2335-2021 appendix B.7		2023-10-23
		8	SpecialColour Rendering Index	Technical specification for classroom lighting in primary and secondary school DB44/T 2335-2021 appendix B.7		2023-10-23
		9	Fluctuation Depth	Technical specification for classroom lighting in primary and secondary school DB44/T 2335-2021 appendix B.8		2023-10-23
44	Vapor Recovery System for Gasoline Dispensers	1	Tightness	Testing Specification for Vapor Recovery Systems of Gasoline Dispensing Facilities JJF 2020-2022 8.2		2023-10-23
		2	Dynamic back pressure	Testing Specification for Vapor Recovery Systems of Gasoline Dispensing Facilities JJF 2020-2022 8.3		2023-10-23
		3	Air to liquid volume ratio	Testing Specification for Vapor Recovery Systems of Gasoline Dispensing Facilities JJF 2020-2022 8.4		2023-10-23
45	Energy Measurement System of Natural Gas	1	Flow	Metrological Specification for the Energy Measurement of Natural Gas JJF 1993-2022 6.1.1		2023-10-23
		2	Temperature	Metrological Specification for the Energy Measurement of Natural Gas JJF 1993-2022 6.1.2		2023-10-23
		3	Pressure	Metrological Specification for the Energy Measurement of Natural Gas JJF 1993-2022 6.1.3		2023-10-23

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		4	Calorific value	Metrological Specification for the Energy Measurement of Natural Gas JJF 1993-2022 6.2	Limit: indirect method	2023-10-23
		5	Energy	Metrological Specification for the Energy Measurement of Natural Gas JJF 1993-2022 6.3		2023-10-23
X Temperature						
1	Clinical Infrared Thermometers	1	Temperature	Clinical Infrared Thermometers Part 1：Ear GB/T 21417.1-2008 5.1-5.15	(20～50)℃	2023-10-23