

Name: Liaoning Institute of Measurement

Address: No.9, Lane 3, Wenhua Road, Heping District, Shenyang, Liaoning, China

Registration No. CNAS L0954

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

Effective Date: 2024-05-16 Expiry Date: 2030-06-05

SCHEDULE 3 ACCREDITED TESTING SCOPE

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
I Geometric						
1	Machine Tools	1	Positioning accuracy and repeatability positioning precision	Test code for machine tools-Part 2:Determination of accuracy and repeatability positioning numerically controlled axes GB/T 17421.2-2016 4.3		2022-09-09
		2	Straightness accuracy	Test code for machine tools-Part 1:Geometric accuracy of machines operating under no-load or finishing conditions GB/T 17421.1-1998 5.2		2022-09-09
		3	Planeness	Test code for machine tools-Part 1:Geometric accuracy of machines operating under no-load or finishing conditions GB/T 17421.1-1998 5.3		2022-09-09
		4	Parallelism,degree of equidistance and alignment	Test code for machine tools-Part 1:Geometric accuracy of machines operating under no-load or finishing conditions GB/T 17421.1-1998 5.4		2022-09-09
		5	Perpendicularity	Test code for machine tools-Part 1:Geometric accuracy of machines operating under no-load or finishing conditions GB/T		2022-09-09

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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
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				17421.1-1998 5.5		
		6	Rotory	Test code for machine tools-Part 1:Geometric accuracy of machines operating under no-load or finishing conditions GB/T 17421.1-1998 5.6		2022-09-09
2	Machine parts	1	Form error	Geometrical product Specifications (GPS) – Geometrical tolerance- Verification GB/T 1958-2017 表 C.2.9**、 表 C.2.11*、 表 C.3.4**、 表 C.4.3**、 表 C.5.2	Except for Size> 1200mm×1000mm×700mm	2022-09-09
		2	Orientation error	Geometrical product Specifications (GPS) – Geometrical tolerance- Verification GB/T 1958-2017 7.2、 表 C.6.4**、 表 C.7.2**、 表 C.7.3**、 表 C.8.4**、 表 C.8.5*、 表 C.9.5**、 表 C.10.4**	Except for Size> 1200mm×1000mm×700mm	2022-09-09
		3	Sizing error	Geometrical product Specifications (GPS) – Geometrical tolerance- Verification GB/T 1958-2017 4 7.3 表 C.13.2、 表 C.13.3**、 表 C.13.4	Except for Size> 1200mm×1000mm×700mm	2022-09-09
		4	Run-out	Geometrical product Specifications (GPS) – Geometrical tolerance- Verification GB/T 1917-2004 7.4、 表 C.14.1、 表 C.14.4、 表 C.14.5、 表 C.15.1、 表 C.15.2	Except for Size> 1200mm×1000mm×700mm	2022-09-09
II Thermotechnical						
1	Temperature transmitter	1	Tolerance	Transmitters for use industrial-process control systems Part 2:Methods for inspection and routine testing GB/T 17614.2-2015 5.4.1	Only measure error of	2022-09-09



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		№	Item/ Parameter			
					measurement	
2	Industrial platinum resistance thermometers and platinum temperature sensors	1	Tolerance	Industrial platinum resistance thermometers and platinum temperature sensors GB/T30121-2013 6.2.1		2022-09-09
		2	insulation resistance	Industrial platinum resistance thermometers and platinum temperature sensors GB/T30121-2013 6.5.1		2022-09-09
		3	thermal response time	Industrial platinum resistance thermometers and platinum temperature sensors GB/T30121-2013 6.5.2		2022-09-09
		4	Upper limit temperature stability	Industrial platinum resistance thermometers and platinum temperature sensors GB/T30121-2013 6.5.3		2022-09-09
		5	thermoelectric effect	Industrial platinum resistance thermometers and platinum temperature sensors GB/T30121-2013 6.5.4		2022-09-09
		6	Influence of temperature cycle	Industrial platinum resistance thermometers and platinum temperature sensors GB/T30121-2013 6.5.5		2022-09-09
		7	hysteresis	Industrial platinum resistance thermometers and platinum temperature sensors GB/T30121-2013 6.5.6		2022-09-09
		8	self heating	Industrial platinum resistance thermometers and platinum temperature sensors GB/T30121-2013 6.5.7		2022-09-09
		9	minimum immersion depth	Industrial platinum resistance thermometers and platinum temperature sensors GB/T30121-2013 6.5.8		2022-09-09
		10	Insulation strength	Industrial platinum resistance thermometers and platinum temperature sensors GB/T30121-2013 6.6.3		2022-09-09
		11	drop	Industrial platinum resistance thermometers and platinum temperature sensors GB/T30121-2013 6.6.5		2022-09-09
3	Optical fiber grating temperature sensor for civil engineering	1	appearance	Optical fiber grating temperature sensor for civil engineering JG/T 421-2013 6.3		2022-09-09
		2	Tolerance	Optical fiber grating temperature sensor for civil engineering JG/T 421-2013 6.4.1		2022-09-09
		3	resolution	Optical fiber grating temperature sensor for civil engineering JG/T 421-2013 6.4.2		2022-09-09



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		4	Repeatability	Optical fiber grating temperature sensor for civil engineering JG/T 421-2013 6.4.3		2022-09-09
4	High-temperature furnace	1	SAT	Pyrometry AMS 2750F 3.4		2022-09-09
		2	TUS	Pyrometry AMS 2750F 3.5		2022-09-09
Ⅲ Mechanics						
1	Non-self-indication Weighing Instruments(Spring Dial Scale)	1	Weighing performance	Spring Dial Scale GB/T 11884-2008 7.5		2022-09-09
		2	Partial load	Spring Dial Scale GB/T 11884-2008 7.6		2022-09-09
		3	Rotating	Spring Dial Scale GB/T 11884-2008 7.7		2022-09-09
		4	Discriminability	Spring Dial Scale GB/T 11884-2008 7.8		2022-09-09
		5	Repeatability	Spring Dial Scale GB/T 11884-2008 7.9		2022-09-09
		6	Creep and return to zero	Spring Dial Scale GB/T 11884-2008 7.10		2022-09-09
		7	Slant	Spring Dial Scale GB/T 11884-2008 7.11		2022-09-09
		8	Temperature and humidity	Spring Dial Scale GB/T 11884-2008 7.12		2022-09-09
		9	Durability	Spring Dial Scale GB/T 11884-2008 7.13		2022-09-09
		10	Multiindicator	Spring Dial Scale GB/T 11884-2008 7.14		2022-09-09
		11	Components	Spring Dial Scale GB/T 11884-2008 7.15		2022-09-09
		12	Transport packaging performance	Spring Dial Scale GB/T 11884-2008 7.16		2022-09-09



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		№	Item/ Parameter			
2	Prepackaged Commodity with Fixed Content	1	Net quantity(mass)	C.S. of Rules of Metrological Testing for Net Quantity of Products in Prepackaged with Fixed Content JJF1070-2005 C.1		2022-09-09
		2	Net quantity(volume)	C.S. of Rules of Metrological Testing for Net Quantity of Products in Prepackaged with Fixed Content JJF1070-2005 D.2		2022-09-09
		3	Net quantity(length)	C.S. of Rules of Metrological Testing for Net Quantity of Products in Prepackaged with Fixed Content JJF1070-2005 E.1		2022-09-09
		4	Net quantity(count)	C.S. of Rules of Metrological Testing for Net Quantity of Products in Prepackaged with Fixed Content JJF1070-2005 G.2		2022-09-09
		5	Net quantity(area)	C.S. of Rules of Metrological Testing for Net Quantity of Products in Prepackaged with Fixed Content JJF1070-2005 F.2		2022-09-09
3	Instrument	1	Vibration test	Environmental testing Parts2:Test methods -Test Fc: Vibration(sinusoidal) GB/T2423.10-2019 5	Maximum acceleration: 980m/s ² ; Maximum displacement: 51mm (p-p); Maximum load: 300kg; Frequency range (5~3000) Hz	2022-09-09
				General specification for electronic measuring instruments GB/T6587-2012 5.9.3		2022-09-09
		2	Shock test	Environmental testing—Part 2: Test methods—Test Ea and guidance: Shock GB/T2423.5-2019 5	Maximum load: 100kg; acceleration: 50~	2022-09-09



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
				General specification for electronic measuring instruments GB/T6587-2012 5.9.4	1000 m/s ² ;Pulse repetition frequency :0~80 times/min	2022-09-09
		3	Free fall test	Environmental testing -Parts2:Test methods-Test Ec: Rough handling shocks, primarily for equipment-ytpe specimens GB/T2423.7-2018 5	Height(0.3 ~1.2)m, Maximum load 100kg	2022-09-09
4	Cold water meter	1	Material and structure of water meter	Meters for cold potable water and hot water—Part 1:Metrological requirements and technical requirements GB/T 778.1-2018 6.1		2022-09-09
		2	Mark and namepalte	Meters for cold potable water and hot water—Part 1:Metrological requirements and technical requirements GB/T 778.1-2018 6.6		2022-09-09
		3	Indicator device	Meters for cold potable water and hot water—Part 1:Metrological requirements and technical requirements GB/T 778.1-2018 6.7		2022-09-09
		4	Protective device	Meters for cold potable water and hot water—Part 1:Metrological requirements and technical requirements GB/T 778.1-2018 6.8		2022-09-09
		5	Indication error	Meters for cold potable water and hot water—Part 1:Metrological requirements and technical requirements GB/T 778.1-2018 7.2.3		2022-09-09
		6	Test of water temperature	Meters for cold potable water and hot water—Part 2:Test methods GB/T 778.2-2018 7.5		2022-09-09
		7	Test of overload water temperature	Meters for cold potable water and hot water—Part 2:Test methods GB/T 778.2-2018 7.6		2022-09-09
		8	Hydraulic testing	Meters for cold potable water and hot water—Part 2:Test methods GB/T 778.2-2018 7.7		2022-09-09



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		9	Test of Countercurrent	Meters for cold potable water and hot water—Part 2:Test methods GB/T 778.2-2018 7.8		2022-09-09
		10	Test of flow disturbance	Meters for cold potable water and hot water—Part 2:Test methods GB/T 778.2-2018 7.10		2022-09-09
		11	Static pressure test	Meters for cold potable water and hot water—Part 2:Test methods GB/T 778.2-2018 7.3		2022-09-09
		12	Test of Pressure loss	Meters for cold potable water and hot water—Part 2:Test methods GB/T 778.2-2018 7.9		2022-09-09
		13	Endurance test of flow	Meters for cold potable water and hot water—Part 2:Test methods GB/T 778.2-2018 7.11		2022-09-09
		14	High temperature test (no condensation)	Meters for cold potable water and hot water—Part 2:Test methods GB/T 778.2-2018 8.2		2022-09-09
		15	low temperature	Meters for cold potable water and hot water—Part 2:Test methods GB/T 778.2-2018 8.3		2022-09-09
		16	Alternating humid heat (condensation)	Meters for cold potable water and hot water—Part 2:Test methods GB/T 778.2-2018 8.4		2022-09-09
		17	Vibration (random)	Meters for cold potable water and hot water—Part 2:Test methods GB/T 778.2-2018 8.6		2022-09-09
		18	Mechanical shock	Meters for cold potable water and hot water—Part 2:Test methods GB/T 778.2-2018 8.7		2022-09-09
		19	Change of power supply	Meters for cold potable water and hot water—Part 2:Test methods GB/T 778.2-2018 8.5		2022-09-09
		20	electrostatic discharge	Meters for cold potable water and hot water—Part 2:Test methods GB/T 778.2-2018 8.11		2022-09-09
		21	Pulse group of signal line	Meters for cold potable water and hot water—Part 2:Test methods GB/T 778.2-2018 8.9		2022-09-09
		22	Static magnetic field	Meters for cold potable water and hot water—Part 2:Test methods GB/T 778.2-2018 8.16		2022-09-09



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		23	Pulse group of AC/DC power supply	Meters for cold potable water and hot water—Part 2:Test methods GB/T 778.2-2018 8.10		2022-09-09
		24	AC power voltage sags and short-time interrupts	Meters for cold potable water and hot water—Part 2:Test methods GB/T 778.2-2018 8.8		2022-09-09
		25	Electromagnetic radiation	Meters for cold potable water and hot water—Part 2:Test methods GB/T 778.2-2018 8.12		2022-09-09
		26	Electromagnetic fieldconduction	Meters for cold potable water and hot water—Part 2:Test methods GB/T 778.2-2018 8.13		2022-09-09
		27	Apply surge to signal, data, control line	Meters for cold potable water and hot water—Part 2:Test methods GB/T 778.2-2018 8.14		2022-09-09
		28	Apply surge to AC/Dcpower line	Meters for cold potable water and hot water—Part 2:Test methods GB/T 778.2-2018 8.15		2022-09-09
5	Diaphragm Gas Meter	1	Indication error	Diaphragm Gas Meters GB/T 6968-2019 5.1.1		2022-09-09
		2	pressure loss	Diaphragm Gas Meters GB/T 6968-2019 5.1.2		2022-09-09
		3	Starting flow	Diaphragm Gas Meters GB/T 6968-2019 5.1.3		2022-09-09
		4	Overload flow	Diaphragm Gas Meters GB/T 6968-2019 5.1.4		2022-09-09
		5	Additional device effect	Diaphragm Gas Meters GB/T 6968-2019 5.1.5		2022-09-09
		6	Retary volume	Diaphragm Gas Meters GB/T 6968-2019 5.1.6		2022-09-09
		7	Sealing property	Diaphragm Gas Meters GB/T 6968-2019 5.2.1		2022-09-09
		8	Pressure resistance	Diaphragm Gas Meters GB/T 6968-2019 5.2.2		2022-09-09



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		9	Mechanical seal	Diaphragm Gas Meters GB/T 6968-2019 5.2.3		2022-09-09
		10	Vibration resistance	Diaphragm Gas Meters GB/T 6968-2019 5.2.4		2022-09-09
		11	Impact resistance	Diaphragm Gas Meters GB/T 6968-2019 5.2.5		2022-09-09
		12	Resistance to fall	Diaphragm Gas Meters GB/T 6968-2019 5.2.6		2022-09-09
		13	Pipe joint	Diaphragm Gas Meters GB/T 6968-2019 5.2.7		2022-09-09
		14	Slalt spray corrosion resistance	Diaphragm Gas Meters GB/T 6968-2019 5.2.8		2022-09-09
		15	Storage temperature	Diaphragm Gas Meters GB/T 6968-2019 5.3.1		2022-09-09
		16	Temperature adaptability	Diaphragm Gas Meters GB/T 6968-2019 5.3.2		2022-09-09
		17	Durability	Diaphragm Gas Meters GB/T 6968-2019 5.4.1		2022-09-09
		18	Counter	Diaphragm Gas Meters GB/T 6968-2019 5.4.2		2022-09-09
		19	Anti-reversal device	Diaphragm Gas Meters GB/T 6968-2019 5.4.3		2022-09-09
		20	Mechanical seal	Diaphragm Gas Meters GB/T 6968-2019 5.5		2022-09-09
		21	Appearance	Diaphragm Gas Meters GB/T 6968-2019 5.9.1		2022-09-09
		22	sign	Diaphragm Gas Meters GB/T 6968-2019 5.9.2		2022-09-09
		23	Voltage and current	Diaphragm Gas Meters GB/T 6968-2019 C.2.2.1.1		2022-09-09
		24	Explosion-proof performance	Diaphragm Gas Meters GB/T 6968-2019 C.2.2.1.2		2022-09-09



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		25	Protective seal	Diaphragm Gas Meters GB/T 6968-2019 C.2.2.1.3.1		2022-09-09
		26	Shell protection class	Diaphragm Gas Meters GB/T 6968-2019 C.2.2.1.3.2		2022-09-09
		27	Electromechanical conversion error	Diaphragm Gas Meters GB/T 6968-2019 C.2.2.1.4		2022-09-09
		28	Power supply undervoltage prompt function	Diaphragm Gas Meters GB/T 6968-2019 C.2.2.1.6		2022-09-09
		29	Power-off protection function	Diaphragm Gas Meters GB/T 6968-2019 C.2.2.1.7		2022-09-09
		30	Diamagnetic interference	Diaphragm Gas Meters GB/T 6968-2019 C.2.2.1.8		2022-09-09
		31	Reliability of additional device	Diaphragm Gas Meters GB/T 6968-2019 C.2.2.1.9.1		2022-09-09
		32	Reliability of external connection	Diaphragm Gas Meters GB/T 6968-2019 C.2.2.1.9.2		2022-09-09
		33	Data transmission	Diaphragm Gas Meters GB/T 6968-2019 C.2.2.2.1		2022-09-09
		34	Remote control	Diaphragm Gas Meters GB/T 6968-2019 C.2.2.2.2		2022-09-09
		35	control function	Diaphragm Gas Meters GB/T 6968-2019 C.2.2.3.1		2022-09-09
		36	Information feedback function	Diaphragm Gas Meters GB/T 6968-2019 C.2.2.3.2		2022-09-09
		37	The remaining gas shortage prompted	Diaphragm Gas Meters GB/T 6968-2019 C.2.2.3.3.1		2022-09-09
		38	Misoperation hint	Diaphragm Gas Meters GB/T 6968-2019 C.2.2.3.3.2		2022-09-09
		39	Transaction completion hints	Diaphragm Gas Meters GB/T 6968-2019 C.2.2.3.3.3		2022-09-09



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		№	Item/ Parameter			
		40	The durability of the IC card and card holder	Diaphragm Gas Meters GB/T 6968-2019 C.2.2.3.4		2022-09-09
		41	Control valve seal	Diaphragm Gas Meters GB/T 6968-2019 C.2.2.5.1		2022-09-09
		42	Control valve durability	Diaphragm Gas Meters GB/T 6968-2019 C.2.2.5.2		2022-09-09
		43	Electrostatic discharge immunity	Diaphragm Gas Meters GB/T 6968-2019 C.2.4.2		2022-09-09
		44	Radio frequency electromagnetic field immunity	Diaphragm Gas Meters GB/T 6968-2019 C.2.4.3		2022-09-09
		45	The immunity of pulse group is changed rapidly and continuously	Diaphragm Gas Meters GB/T 6968-2019 C.2.4.4		2022-09-09
		46	Surge immunity	Diaphragm Gas Meters GB/T 6968-2019 C.2.4.5		2022-09-09
		47	Storage temperature	Diaphragm Gas Meters GB/T 6968-2019 C.2.5.1.1		2022-09-09
		48	working temperature	Diaphragm Gas Meters GB/T 6968-2019 C.2.5.1.2		2022-09-09
		49	Steady damp-heat	Diaphragm Gas Meters GB/T 6968-2019 C.2.5.1.3		2022-09-09
		50	Resistance to salt mist	Diaphragm Gas Meters GB/T 6968-2019 C.2.5.1.4		2022-09-09
		51	Resistance to vibration	Diaphragm Gas Meters GB/T 6968-2019 C.2.5.1.5		2022-09-09
6	Integrated Circuit Card Diaphragm	1	Indication error	Diaphragm Gas Meters GB/T 6968-2019 5.1.1		2022-09-09



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		№	Item/ Parameter			
	Gas Meter	2	pressure loss	Diaphragm Gas Meters GB/T 6968-2019 5.1.2		2022-09-09
		3	Starting flow	Diaphragm Gas Meters GB/T 6968-2019 5.1.3		2022-09-09
		4	Overload flow	Diaphragm Gas Meters GB/T 6968-2019 5.1.4		2022-09-09
		5	Additional device effect	Diaphragm Gas Meters GB/T 6968-2019 5.1.5		2022-09-09
		6	Retary volume	Diaphragm Gas Meters GB/T 6968-2019 5.1.6		2022-09-09
		7	Sealing property	Diaphragm Gas Meters GB/T 6968-2019 5.2.1		2022-09-09
		8	Pressure resistance	Diaphragm Gas Meters GB/T 6968-2019 5.2.2		2022-09-09
		9	Mechanical seal	Diaphragm Gas Meters GB/T 6968-2019 5.2.3		2022-09-09
		10	Vibration resistance	Diaphragm Gas Meters GB/T 6968-2019 5.2.4		2022-09-09
		11	Impact resistance	Diaphragm Gas Meters GB/T 6968-2019 5.2.5		2022-09-09
		12	Resistance to fall	Diaphragm Gas Meters GB/T 6968-2019 5.2.6		2022-09-09
		13	Pipe joint	Diaphragm Gas Meters GB/T 6968-2019 5.2.7		2022-09-09
		14	Slalt spray corrosion resistance	Diaphragm Gas Meters GB/T 6968-2019 5.2.8		2022-09-09
		15	Storage temperature	Diaphragm Gas Meters GB/T 6968-2019 5.3.1		2022-09-09
		16	Resistant of temperature	Diaphragm Gas Meters GB/T 6968-2019 5.3.2		2022-09-09
		17	Durability	Diaphragm Gas Meters GB/T 6968-2019 5.4.1		2022-09-09



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		№	Item/ Parameter			
		18	Counter	Diaphragm Gas Meters GB/T 6968-2019 5.4.2		2022-09-09
		19	Anti-reversal device	Diaphragm Gas Meters GB/T 6968-2019 5.4.3		2022-09-09
		20	Mechanical seal	Diaphragm Gas Meters GB/T 6968-2019 5.5		2022-09-09
		21	Appearance	Diaphragm Gas Meters GB/T 6968-2019 5.9.1		2022-09-09
		22	sign	Diaphragm Gas Meters GB/T 6968-2019 5.9.2		2022-09-09
		23	Voltage and current	Diaphragm Gas Meters GB/T 6968-2019 C.2.2.1.1		2022-09-09
		24	Explosion-proof performance	Diaphragm Gas Meters GB/T 6968-2019 C.2.2.1.2		2022-09-09
		25	Protective seal	Diaphragm Gas Meters GB/T 6968-2019 C.2.2.1.3.1		2022-09-09
		26	Shell protection class	Diaphragm Gas Meters GB/T 6968-2019 C.2.2.1.3.2		2022-09-09
		27	Electromechanical conversion error	Diaphragm Gas Meters GB/T 6968-2019 C.2.2.1.4		2022-09-09
		28	Power supply undervoltage prompt function	Diaphragm Gas Meters GB/T 6968-2019 C.2.2.1.6		2022-09-09
		29	Power-off protection function	Diaphragm Gas Meters GB/T 6968-2019 C.2.2.1.7		2022-09-09
		30	Diamagnetic interference	Diaphragm Gas Meters GB/T 6968-2019 C.2.2.1.8		2022-09-09
		31	Reliability of additional device	Diaphragm Gas Meters GB/T 6968-2019 C.2.2.1.9.1		2022-09-09
		32	Reliability of external connection	Diaphragm Gas Meters GB/T 6968-2019 C.2.2.1.9.2		2022-09-09



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		№	Item/ Parameter			
		33	Data transmission	Diaphragm Gas Meters GB/T 6968-2019 C.2.2.2.1		2022-09-09
		34	Remote control	Diaphragm Gas Meters GB/T 6968-2019 C.2.2.2.2		2022-09-09
		35	control function	Diaphragm Gas Meters GB/T 6968-2019 C.2.2.3.1		2022-09-09
		36	Information feedback function	Diaphragm Gas Meters GB/T 6968-2019 C.2.2.3.2		2022-09-09
		37	The remaining gas shortage prompted	Diaphragm Gas Meters GB/T 6968-2019 C.2.2.3.3.1		2022-09-09
		38	Misoperation hint	Diaphragm Gas Meters GB/T 6968-2019 C.2.2.3.3.2		2022-09-09
		39	Transaction completion hints	Diaphragm Gas Meters GB/T 6968-2019 C.2.2.3.3.3		2022-09-09
		40	The durability of the IC card and card holder	Diaphragm Gas Meters GB/T 6968-2019 C.2.2.3.4		2022-09-09
		41	Control valve seal	Diaphragm Gas Meters GB/T 6968-2019 C.2.2.5.1		2022-09-09
		42	Control valve durability	Diaphragm Gas Meters GB/T 6968-2019 C.2.2.5.2		2022-09-09
		43	Electrostatic discharge immunity	Diaphragm Gas Meters GB/T 6968-2019 C.2.4.2		2022-09-09
		44	Radio frequency electromagnetic field immunity	Diaphragm Gas Meters GB/T 6968-2019 C.2.4.3		2022-09-09
		45	The immunity of pulse group is changed rapidly and continuously	Diaphragm Gas Meters GB/T 6968-2019 C.2.4.4		2022-09-09



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		46	Surge immunity	Diaphragm Gas Meters GB/T 6968-2019 C.2.4.5		2022-09-09
		47	Storage temperature	Diaphragm Gas Meters GB/T 6968-2019 C.2.5.1.1		2022-09-09
		48	working temperature	Diaphragm Gas Meters GB/T 6968-2019 C.2.5.1.2		2022-09-09
		49	Steady damp-heat	Diaphragm Gas Meters GB/T 6968-2019 C.2.5.1.3		2022-09-09
		50	Resistance to salt mist	Diaphragm Gas Meters GB/T 6968-2019 C.2.5.1.4		2022-09-09
		51	Resistance to vibration	Diaphragm Gas Meters GB/T 6968-2019 C.2.5.1.5		2022-09-09
7	Heat meters	1	Display content	Heat meters GB/T 32224-2020 7.2.1		2022-09-09
		2	Display resolution	Heat meters GB/T 32224-2020 7.2.2		2022-09-09
		3	Heat display value	Heat meters GB/T 32224-2020 7.2.3		2022-09-09
		4	Data storage	Heat meters GB/T 32224-2020 7.3		2022-09-09
		5	Strength	Heat meters GB/T 32224-2020 7.4.1		2022-09-09
		6	Leakage	Heat meters GB/T 32224-2020 7.4.2		2022-09-09
		7	Maximum allowable error of integral heat meter	Heat meters GB/T 32224-2020 7.5.1		2022-09-09
		8	Maximum allowable error of calculator	Heat meters GB/T 32224-2020 7.5.2.1		2022-09-09
		9	Maximum allowable error of pairing	Heat meters GB/T 32224-2020 7.5.2.2		2022-09-09



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
			temperature sensor			
		10	Maximum allowable error of flow sensor	Heat meters GB/T 32224-2020 7.5.2.3		2022-09-09
		11	Cold and hot metering switch	Heat meters GB/T 32224-2020 7.6		2022-09-09
		12	Max pressure loss	Heat meters GB/T 32224-2020 7.7		2022-09-09
		13	Power supply	Heat meters GB/T 32224-2020 7.8		2022-09-09
		14	Durability	Heat meters GB/T 32224-2020 7.9		2022-09-09
		15	Quick response heat meter response performance	Heat meters GB/T 32224-2020 7.10		2022-09-09
		16	power-off Protection	Heat meters GB/T 32224-2020 7.11.1		2022-09-09
		17	Battery undervoltage warning	Heat meters GB/T 32224-2020 7.11.2		2022-09-09
		18	Magnetostatic field	Heat meters GB/T 32224-2020 7.11.3		2022-09-09
		19	Electrical insulation	Heat meters GB/T 32224-2020 7.11.4		2022-09-09
		20	Enclosure protection class	Heat meters GB/T 32224-2020 7.11.5		2022-09-09
		21	Seal	Heat meters GB/T 32224-2020 7.11.6		2022-09-09
		22	Data interface and communication	Heat meters GB/T 32224-2020 7.12		2022-09-09



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
8	Ultrasonic gas meters	23	Environment	Heat meters GB/T 32224-2020 7.13		2022-09-09
		24	Electro magnetic compatibility	Heat meters GB/T 32224-2020 7.14		2022-09-09
		1	Indication error-air	Ultrasonic gas meters GB/T 39841-2021 6.2.1.2		2022-09-09
		2	pressure loss	Ultrasonic gas meters GB/T 39841-2021 6.2.3		2022-09-09
		3	repeatability	Ultrasonic gas meters GB/T 39841-2021 6.2.4		2022-09-09
		4	Anti contaminants impact	Ultrasonic gas meters GB/T 39841-2021 6.2.5		2022-09-09
		5	Installation impact	Ultrasonic gas meters GB/T 39841-2021 6.2.6		2022-09-09
		6	zero flow	Ultrasonic gas meters GB/T 39841-2021 6.2.7		2022-09-09
		7	reverse flow	Ultrasonic gas meters GB/T 39841-2021 6.2.8		2022-09-09
		8	Starting flow	Ultrasonic gas meters GB/T 39841-2021 6.2.9		2022-09-09
		9	Overload flow	Ultrasonic gas meters GB/T 39841-2021 6.2.10		2022-09-09
		10	instable flow	Ultrasonic gas meters GB/T 39841-2021 6.2.11		2022-09-09
		11	Resistant of temperature	Ultrasonic gas meters GB/T 39841-2021 6.2.12		2022-09-09
		12	Durability	Ultrasonic gas meters GB/T 39841-2021 6.2.13		2022-09-09
		13	Shell protection class	Ultrasonic gas meters GB/T 39841-2021 6.3.1		2022-09-09
		14	Pressure resistance	Ultrasonic gas meters GB/T 39841-2021 6.3.2		2022-09-09



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		15	external leak tightness	Ultrasonic gas meters GB/T 39841-2021 6.3.3		2022-09-09
		16	Pipe joint and flange	Ultrasonic gas meters GB/T 39841-2021 6.3.5		2022-09-09
		17	Vibration resistance	Ultrasonic gas meters GB/T 39841-2021 6.3.6		2022-09-09
		18	Impact resistance	Ultrasonic gas meters GB/T 39841-2021 6.3.7		2022-09-09
		19	Resistance to fall	Ultrasonic gas meters GB/T 39841-2021 6.3.8		2022-09-09
		20	Mechanical seal	Ultrasonic gas meters GB/T 39841-2021 6.3.9		2022-09-09
		21	Slalt spray corrosion resistance	Ultrasonic gas meters GB/T 39841-2021 6.3.10		2022-09-09
		22	Solar radiation resistance	Ultrasonic gas meters GB/T 39841-2021 6.3.11		2022-09-09
		23	Storage temperature	Ultrasonic gas meters GB/T 39841-2021 6.3.13		2022-09-09
		24	Steady damp-heat	Ultrasonic gas meters GB/T 39841-2021 6.3.14		2022-09-09
		25	Resistance to external humidity	Ultrasonic gas meters GB/T 39841-2021 6.3.16		2022-09-09
		26	Explosion-proof performance	Ultrasonic gas meters GB/T 39841-2021 6.4		2022-09-09
		27	Protective seal	Ultrasonic gas meters GB/T 39841-2021 6.5		2022-09-09
		28	Pressure tap	Ultrasonic gas meters GB/T 39841-2021 6.6.1		2022-09-09
		29	Counter current device	Ultrasonic gas meters GB/T 39841-2021 6.6.4		2022-09-09
		30	Control valve seal	Ultrasonic gas meters GB/T 39841-2021 6.6.6.1.1		2022-09-09

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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		31	Control valve durability	Ultrasonic gas meters GB/T 39841-2021 6.6.6.1.2		2022-09-09
		32	Data transmission device	Ultrasonic gas meters GB/T 39841-2021 6.6.6.2		2022-09-09
		33	Prepayment control device	Ultrasonic gas meters GB/T 39841-2021 6.6.6.3		2022-09-09
		34	Step charging and price adjustment control device	Ultrasonic gas meters GB/T 39841-2021 6.6.6.4		2022-09-09
		35	display information	Ultrasonic gas meters GB/T 39841-2021 6.7		2022-09-09
		36	Battery	Ultrasonic gas meters GB/T 39841-2021 6.8		2022-09-09
		37	Electrostatic discharge immunity	Ultrasonic gas meters GB/T 39841-2021 6.10.1		2022-09-09
		38	Radio frequency electromagnetic field immunity	Ultrasonic gas meters GB/T 39841-2021 6.10.2		2022-09-09
		39	Power frequency magnetic field immunity	Ultrasonic gas meters GB/T 39841-2021 6.10.3		2022-09-09
		40	The immunity of pulse group is changed rapidly and continuously	Ultrasonic gas meters GB/T 39841-2021 6.10.6		2022-09-09
		41	Surge immunity	Ultrasonic gas meters GB/T 39841-2021 6.10.7		2022-09-09
		42	Appearance	Ultrasonic gas meters GB/T 39841-2021 6.12		2022-09-09
		43	sign	Ultrasonic gas meters GB/T 39841-2021 5.12		2022-09-09



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		44	radiated disturbance	Ultrasonic gas meters GB/T 39841-2021 6.10.5		2022-09-09
		45	Gasmeter with temperature conversion function	Ultrasonic gas meters GB/T 39841-2021 B.2		2022-09-09
		46	Gasmeter with pressure and temperature conversion function	Ultrasonic gas meters GB/T 39841-2021 B.3		2022-09-09
9	Pressure Gauge with electric contact	1	intrinsic error	Pressure Gauge with electric contact JB/T 9273-1999 5.5		2022-09-09
		2	hysteresis error	Pressure Gauge with electric contact JB/T 9273-1999 5.5		2022-09-09
		3	regulatable point error	Pressure Gauge with electric contact JB/T 9273-1999 5.6		2022-09-09
		4	Stabilization of the pointer	Pressure Gauge with electric contact JB/T 9273-1999 5.5		2022-09-09
		5	distance after tapping	Pressure Gauge with electric contact JB/T 9273-1999 5.5		2022-09-09
		6	differential gap	Pressure Gauge with electric contact JB/T 9273-1999 5.7		2022-09-09
		7	fully pressure	Pressure Gauge with electric contact JB/T 9273-1999 5.9		2022-09-09
		8	regulatable range	Pressure Gauge with electric contact JB/T 9273-1999 5.12		2022-09-09
		9	zero error	Pressure Gauge with electric contact JB/T 9273-1999 5.5		2022-09-09
		10	temperature effect	Pressure Gauge with electric contact JB/T 9273-1999 5.8		2022-09-09
		11	cyclic pressure	Pressure Gauge with electric contact JB/T 9273-1999 5.10		2022-09-09



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		12	indication equipment	Pressure Gauge with electric contact JB/T 9273-1999 5.5		2022-09-09
		13	appearance	Pressure Gauge with electric contact JB/T 9273-1999 5.5		2022-09-09
		14	shock test	Pressure Gauge with electric contact JB/T 9273-1999 5.14		2022-09-09
		15	environmental conditions and test for instruments transportation	Pressure Gauge with electric contact JB/T 9273-1999 5.15		2022-09-09
		16	insulated capability	Pressure Gauge with electric contact JB/T 9273-1999 5.13		2022-09-09
10	shock-resistant Pressure Gauge	1	intrinsic error	shock-resistant Pressure Gauge JB/T 6804-2006 6.5		2022-09-09
		2	hysteresis error	shock-resistant Pressure Gauge JB/T 6804-2006 6.6		2022-09-09
		3	Stabilization of the pointer	shock-resistant Pressure Gauge JB/T 6804-2006 6.9		2022-09-09
		4	distance after tapping	shock-resistant Pressure Gauge JB/T 6804-2006 6.8		2022-09-09
		5	temperature effect	shock-resistant Pressure Gauge JB/T 6804-2006 6.12		2022-09-09
		6	over-pressure	shock-resistant Pressure Gauge JB/T 6804-2006 6.11		2022-09-09
		7	cyclic pressure	shock-resistant Pressure Gauge JB/T 6804-2006 6.13		2022-09-09
		8	pulsating error	shock-resistant Pressure Gauge JB/T 6804-2006 6.10		2022-09-09
		9	appearance	shock-resistant Pressure Gauge JB/T 6804-2006 6.16		2022-09-09
		10	Shock Test	shock-resistant Pressure Gauge JB/T 6804-2006 6.14		2022-09-09



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		11	environmental conditions and test for instruments transportation	shock-resistant Pressure Gauge JB/T 6804-2006 6.15		2022-09-09
		12	zero error	shock-resistant Pressure Gauge JB/T 6804-2006 6.7		2022-09-09
11	sphygmomano meter	1	Part of Items	sphygmomanometer GB 3053-1993		2022-09-09
		2	appearance	sphygmomanometer GB 3053-1993 4		2022-09-09
		3	zero	sphygmomanometer GB 3053-1993 5.1		2022-09-09
		4	Error of indication	sphygmomanometer GB 3053-1993 5.2		2022-09-09
		5	airproof	sphygmomanometer GB 3053-1993 5.3		2022-09-09
		6	Cuff	sphygmomanometer GB 3053-1993 5.4		2022-09-09
		7	Sensitivity	sphygmomanometer GB 3053-1993 5.5		2022-09-09
		8	hydrargyrum leak	sphygmomanometer GB 3053-1993 5.6		2022-09-09
		9	Stabilization of the pointer	sphygmomanometer GB 3053-1993 5.7		2022-09-09
		10	Shock Test	sphygmomanometer GB 3053-1993 5.9		2022-09-09
12	General Pressure Gauge	1	intrinsic error	General Pressure Gauge GB/T 1226-2017 6.5		2022-09-09
		2	hysteresis error	General Pressure Gauge GB/T 1226-2017 6.6		2022-09-09
		3	Stabilization of the pointer	General Pressure Gauge GB/T 1226-2017 6.7		2022-09-09



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		4	distance after tapping	General Pressure Gauge GB/T 1226-2017 6.8		2022-09-09
		5	temperature effect	General Pressure Gauge GB/T 1226-2017 6.9		2022-09-09
		6	over-pressure	General Pressure Gauge GB/T 1226-2017 6.10		2022-09-09
		7	cyclic pressure	General Pressure Gauge GB/T 1226-2017 6.11		2022-09-09
		8	indication equipment	General Pressure Gauge GB/T 1226-2017 6.12		2022-09-09
		9	appearance	General Pressure Gauge GB/T 1226-2017 6.13		2022-09-09
		10	Shock Test	General Pressure Gauge GB/T 1226-2017 6.14		2022-09-09
		11	environmental conditions and test for instruments transportation	General Pressure Gauge GB/T 1226-2017 6.15		2022-09-09
13	Precision Pressure Gauge	1	intrinsic error	Precision Pressure Gauge GB/T 1227-2017 5.6		2022-09-09
		2	hysteresis error	Precision Pressure Gauge GB/T 1227-2017 5.7		2022-09-09
		3	Stabilization of the pointer	Precision Pressure Gauge GB/T 1227-2017 5.8		2022-09-09
		4	zero error	Precision Pressure Gauge GB/T 1227-2017 5.9		2022-09-09
		5	distance after tapping	Precision Pressure Gauge GB/T 1227-2017 5.10		2022-09-09
		6	temperature effect	Precision Pressure Gauge GB/T 1227-2017 5.11		2022-09-09
		7	over-pressure	Precision Pressure Gauge GB/T 1227-2017 5.12		2022-09-09



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		8	cyclic pressure	Precision Pressure Gauge GB/T 1227-2017 5.13		2022-09-09
		9	indication equipment	Precision Pressure Gauge GB/T 1227-2017 5.14		2022-09-09
		10	appearance	Precision Pressure Gauge GB/T 1227-2017 5.15		2022-09-09
		11	Shock Test	Precision Pressure Gauge GB/T 1227-2017 5.16		2022-09-09
		12	environmental conditions and test for instruments transportation	Precision Pressure Gauge GB/T 1227-2017 5.17		2022-09-09
V EMC						
1	Information technology equipment (EMC)	1	Conducted emission	Information technology equipment, multimedia equipment and receivers Electromagnetic compatibility—Part 1: Emission requirements GB/T 9254.1-2021 A.3		2022-09-09
		2	Radiation emission	Information technology equipment, multimedia equipment and receivers Electromagnetic compatibility—Part 1: Emission requirements GB/T 9254.1-2021 A.2		2022-09-09
2	Industrial, scientific and medical (ISM) radio (EMC)	1	Limits of conduction disturbance	Industrial, scientific and medical equipment-Radio-frequency disturbance characteristics-Limits and methods of measurement GB 4824-2019 6.3.1		2022-09-09
		2	Limits of electromagnetic radiation disturbance	Industrial, scientific and medical equipment-Radio-frequency disturbance characteristics-Limits and methods of measurement GB 4824-2019 6.3.2		2022-09-09
3	Electrical equipment for measurement,c ontrol and	1	Electrostatic discharge immunity test	Electrical equipment for measurement,control and laboratory use-EMC requirements GB/T 18268.1-2010 6.2		2022-09-09



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		№	Item/ Parameter			
	laboratory(EMC)	2	Radiated,radio-frequency,electromagnetic field immunity test	Electrical equipment for measurement,control and laboratory use--EMC requirements GB/T 18268.1-2010 6.2		2022-09-09
		3	Electrical fast transient/burst immunity test	Electrical equipment for measurement,control and laboratory use--EMC requirements GB/T 18268.1-2010 6.2		2022-09-09
		4	Surge immunity test	Electrical equipment for measurement,control and laboratory use--EMC requirements GB/T 18268.1-2010 6.2		2022-09-09
		5	Immunity to conducted disturbances,induced by radio-frequency fields	Electrical equipment for measurement,control and laboratory use--EMC requirements GB/T 18268.1-2010 6.2		2022-09-09
		6	Power frequency magnetic field immunity test	Electrical equipment for measurement,control and laboratory use--EMC requirements GB/T 18268.1-2010 6.2		2022-09-09
		7	Voltage dips, short interruptions and voltage variations immunity tests	Electrical equipment for measurement,control and laboratory use--EMC requirements GB/T 18268.1-2010 6.2		2022-09-09
		8	Disturbance power	Electrical equipment for measurement,control and laboratory use--EMC requirements GB/T 18268.1-2010 7.2		2022-09-09
		9	Radiated disturbance	Electrical equipment for measurement,control and laboratory use--EMC requirements GB/T 18268.1-2010 7.2		2022-09-09
4	Electrical equipment for measurement, control and	1	Electrostatic discharge immunity test	Electromagnetic compatibility--Generic standards--Immunity for industrial environments GB/T 17799.2-2003 8		2022-09-09



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		№	Item/ Parameter			
	laboratory(EM C)	2	Radiated, radio-frequency, electromagnetic field immunity test	Electromagnetic compatibility--Generic standards--Immunity for industrial environments GB/T 17799.2-2003 8		2022-09-09
		3	Electrical fast transient/burst immunity test	Electromagnetic compatibility--Generic standards--Immunity for industrial environments GB/T 17799.2-2003 8		2022-09-09
		4	Surge immunity test	Electromagnetic compatibility--Generic standards--Immunity for industrial environments GB/T 17799.2-2003 8		2022-09-09
		5	Immunity to conducted disturbances, induced by radio-frequency fields	Electromagnetic compatibility--Generic standards--Immunity for industrial environments GB/T 17799.2-2003 8		2022-09-09
		6	Voltage dips	Electromagnetic compatibility--Generic standards--Immunity for industrial environments GB/T 17799.2-2003 8		2022-09-09
		7	Voltage short interruptions	Electromagnetic compatibility--Generic standards--Immunity for industrial environments GB/T 17799.2-2003 8		2022-09-09
		8	Disturbance power	Electromagnetic compatibility--Generic standards --Emission standard for industrial environments GB 17799.4-2012 9		2022-09-09
		9	Radiated disturbance	Electromagnetic compatibility--Generic standards --Emission standard for industrial environments GB 17799.4-2012 8 9		2022-09-09
5	Static Meters For Active Energy	1	Electrostatic discharge immunity test	Electromagnetic compatibility-Testing and measurement techniques-Electrostatic discharge immunity test GB/T17626.2-2018 8		2022-09-09
		2	Radiated, radio-frequency, electromagnetic field immunity	Electromagnetic compatibility - Testing and measurement techniques - Radiated, radio-frequency, electromagnetic field immunity test GB/T 17626.3-2016 8		2022-09-09



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
			test			
		3	Electrical fast transient/burst immunity test	Electromagnetic compatibility - Testing and measurement techniques - Electrical fast transient/burst immunity test GB/T17626.4-2018 8		2022-09-09
		4	Surge immunity test	Electromagnetic compatibility - Testing and measurement techniques - Surge immunity test GB/T17626.5-2019 8	only test:power port	2022-09-09
		5	Immunity to conducted disturbances, induced by radio-frequency fields	Electromagnetic compatibility - Testing and measurement techniques - Immunity to conducted disturbances, induced by radio-frequency fields GB/T17626.6-2017 8	only test:power port	2022-09-09
		6	Power frequency magnetic field immunity test (Parameters)	Electromagnetic compatibility-Testing and measurement techniques - Power frequency magnetic field immunity test GB/T17626.8-2006 8		2022-09-09
		7	Voltage dips, short interruptions and voltage variations immunity tests	Electromagnetic compatibility Testing and measurement techniquesVoltage dips, short interruptions and voltage variations immunity tests GB/T17626.11-2008 8		2022-09-09
		8	Conducted emission	Information technology equipment, multimedia equipment and receivers Electromagnetic compatibility—Part 1: Emission requirements GB/T 9254.1-2021 A.3		2022-09-09
		9	Radiation emission	Information technology equipment, multimedia equipment and receivers Electromagnetic compatibility—Part 1: Emission requirements GB/T 9254.1-2021 A.2		2022-09-09
		10	Voltage dips,short interruptions and voltage variations	GB/T 17626.29-2006 Electmagnetic compatibility-Testing and measurement Voltage dips,short interruptions and voltage variations on d.c.input power port immunity tests,IDT GB/T	Except for DC voltage change,	2022-09-09



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		№	Item/ Parameter			
			on d.c.input power port immunity tests,ID	17626.29 8.2	voltage drop above 24 V and short time interruption immunity test	
6	Electric and electronic products for industrial environments(EMC)	1	Electrostatic discharge immunity test	Electromagnetic compatibility--Generic standards --Immunity for residential,commercial and light-industrial environments GB/T17799.1-2017 8		2022-09-09
		2	Radiated,radio-frequency,electromagnetic field immunity test	Electromagnetic compatibility--Generic standards --Immunity for residential,commercial and light-industrial environments GB/T17799.1-2017 8		2022-09-09
		3	Electrical fast transient/burst immunity test	Electromagnetic compatibility--Generic standards --Immunity for residential,commercial and light-industrial environments GB/T17799.1-2017 8		2022-09-09
		4	Surge immunity test	Electromagnetic compatibility--Generic standards --Immunity for residential,commercial and light-industrial environments GB/T17799.1-2017 8		2022-09-09
		5	Immunity to conducted disturbances,induced by radio-frequency fields	Electromagnetic compatibility--Generic standards --Immunity for residential,commercial and light-industrial environments GB/T17799.1-2017 8		2022-09-09
		6	Power frequency magnetic field immunity test	Electromagnetic compatibility--Generic standards --Immunity for residential,commercial and light-industrial environments GB/T17799.1-2017 8		2022-09-09
		7	Voltage dips and short interruptions	Electromagnetic compatibility--Generic standards --Immunity for residential,commercial and light-industrial environments		2022-09-09



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
			immunity tests	GB/T17799.1-2017 8		
		8	disturbance voltage	Electromagnetic compatibility--Generic standards --Immunity for residential,commercial and light-industrial environments GB 17799.3-2012 9		2022-09-09
		9	radiation disturbance	Electromagnetic compatibility--Generic standards --Immunity for residential,commercial and light-industrial environments GB 17799.3-2012 9		2022-09-09
7	Computer field	1	Area	Computer field GB/T 2887-2011 7.2		2022-09-09
		2	Clear height	Computer field GB/T 2887-2011 7.2		2022-09-09
		3	Temperature	Computer field GB/T 2887-2011 7.3		2022-09-09
		4	Humidity	Computer field GB/T 2887-2011 7.4		2022-09-09
		5	Electromagnetic field interference	Computer field GB/T 2887-2011 7.9		2022-09-09
		6	Voltage	Computer field GB/T 2887-2011 7.10		2022-09-09
		7	Frequency	Computer field GB/T 2887-2011 7.10		2022-09-09
		8	Waveform distortion rate	Computer field GB/T 2887-2011 7.11		2022-09-09
		9	Ground resistance	Computer field GB/T 2887-2011 7.12		2022-09-09
		10	Zero-ground voltage	Computer field GB/T 2887-2011 7.13		2022-09-09
		11	Electrostatic voltage	Computer field GB/T 2887-2011 7.14		2022-09-09
8	Shielding enclosure	1	Shielding effectiveness	Method for measuring the shielding effectiveness of	Except for resonant	2022-09-09



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
				electromagnetic shielding enclosures GB/T12190-2021 5.6、5.8	frequency band: 20MHz to 300MHz	
		2	Grounding resistance	Code for construction and acceptance of data center infrastructure GB 50462-2015 12.7		2022-09-09
		3	Insulation resistance	Code for construction and acceptance of data center infrastructure GB 50462-2015 12.7		2022-09-09
VI Energy efficiency						
1	Household Induction Cookers	1	heating efficiency	Minimum allowable values of energy efficiency and energy efficiency grades for Household Induction Cookers GB21456-2014 appendix B		2022-09-09
		2	standby mode power	Minimum allowable values of energy efficiency and energy efficiency grades for Household Induction Cookers GB21456-2014 appendix C		2022-09-09
2	copy machines, 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 appendix A		2022-09-09
		2	operation mode power	Minimum allowable values of energy efficiency and energy efficiency grades for copy machines, printers and fax machines GB 21521-2014 appendix B		2022-09-09
		3	default delay time	Minimum allowable values of energy efficiency and energy efficiency grades for copy machines, printers and fax machines GB 21521-2014 appendix B		2022-09-09
		4	standby mode power	Minimum allowable values of energy efficiency and energy efficiency grades for copy machines, printers and fax machines GB 21521-2014 appendix B		2022-09-09
3	household and similar	1	energy efficiency	Minimum allowable values of energy efficiency and energy efficiency grades for household and similar microwave ovens GB		2022-09-09



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
	microwave ovens			24849-2017 appendix A		
		2	standby mode power	Minimum allowable values of energy efficiency and energy efficiency grades for household and similar microwave ovens GB 24849-2017 appendix C		2022-09-09
		3	off mode power	Minimum allowable values of energy efficiency and energy efficiency grades for household and similar microwave ovens GB 24849-2017 appendix C		2022-09-09
		4	energy consumption for grill-function	Minimum allowable values of energy efficiency and energy efficiency grades for household and similar microwave ovens GB24849-2017 appendix B		2022-09-09
4	Telecommunication Equipment	1	Energy consumption of DC power supply products	General principles of energy consumption test methods for telecommunication GB/T28519-2012 3.1、 3.2		2022-09-09
		2	Energy consumption of AC power supply products	General principles of energy consumption test methods for telecommunication GB/T28519-2012 3.1、 3.2		2022-09-09
VII Optics						
1	Assembly Spectacle	1	Optical center horizontal deviation and Vertical deviation	Assembly Spectacle GB 13511.1-2011 6.4		2022-09-09
		2	Axial deviation	Assembly Spectacle GB 13511.1-2011 6.3		2022-09-09
		3	Diopter interdifference for presbyopic glasses and Surface quality of lens	Assembly Spectacle GB 13511.1-2011 6.1		2022-09-09



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		4	Prism deviation	Assembly Spectacle GB 13511.1-2011 6.5		2022-09-09
		5	Transmittance	Assembly Spectacle GB 13511.1-2011 6.2		2022-09-09
2	Glasses Frame	1	Size	Glasses Frame GB/T14214-2019 8.2		2022-09-09
		2	Dimension stability at elevated temperature	Glasses Frame GB/T14214-2019 8.3		2022-09-09
		3	Deformation of the bridge	Glasses Frame GB/T14214-2019 8.6		2022-09-09
		4	Antifatigue	Glasses Frame GB/T14214-2019 8.7		2022-09-09
		5	Bonding strength	Glasses Frame GB/T14214-2019 8.5		2022-09-09
		6	Anti perspiration corrosion	Glasses Frame GB/T14214-2019 8.4		2022-09-09
		7	Fire resistance	Glasses Frame 8.4 8.8		2022-09-09
3	Glasses lenses	1	Lens vertex power	Uncut finished spectacle lenses-part one: single-vision and multifocal lenses GB10810.1-2005 6.1		2022-09-09
		2	Material and surface quality	Uncut finished spectacle lenses-part one: single-vision and multifocal lenses GB10810.1-2005 6.6		2022-09-09
		3	Physical dimension	Uncut finished spectacle lenses-part one: single-vision and multifocal lenses GB10810.1-2005 5.2		2022-09-09
		4	Axial direction of cylindrical mirror	Uncut finished spectacle lenses-part one: single-vision and multifocal lenses GB10810.1-2005 6.2		2022-09-09
		5	Optical center and prism	Uncut finished spectacle lenses-part one: single-vision and multifocal lenses GB10810.1-2005 6.3		2022-09-09



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		6	Basal orientation	Uncut finished spectacle lenses-part one: single-vision and multifocal lenses GB10810.1-2005 6.3		2022-09-09
		7	Far area vertex power of the tapered focus lens	Uncut finished spectacle lenses-part two: progressive power spectacle lenses, GB10810.2-2006 5.1		2022-09-09
		8	Tolerance of geometric size	Uncut finished spectacle lenses-part two: progressive power spectacle lenses, GB10810.2-2006 4.3		2022-09-09
		9	The surface quality and internal defects	Uncut finished spectacle lenses-part two: progressive power spectacle lenses, GB10810.2-2006 5.5		2022-09-09
		10	Transmissivity requirements of glasses	Spectacle lenses and related eye wear-part three: transmittance specifications and test methods GB10810.3-2006 6.4		2022-09-09
		11	Transmissivity requirements for sunglasses	Spectacle lenses and related eye wear-part three: transmittance specifications and test methods GB10810.3-2006 6.5		2022-09-09
		12	Transmissivity requirements for driving glasses and identification of traffic signals	Spectacle lenses and related eye wear-part three: transmittance specifications and test methods GB10810.3-2006 6.4 6.6.7		2022-09-09
		13	Transmissivity requirements for special lenses	Spectacle lenses and related eye wear-part three: transmittance specifications and test methods GB10810.3-2006 6.6 6.7		2022-09-09
VIII Chemistry						
1	ionizing radiation environment	1	Individual dose equivalent	Specification for individual monitoring of occupational external exposure GBZ 128-2019		2023-09-26



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