

Name: Wuxi Institute of Inspection, Testing and Certification(Wuxi Institute of Metrology and Testing/Wuxi Center of Fiber Inspection)

Address: No.200, Linghu Avenue, Xinwu District, Wuxi, Jiangsu, China

Registration No. CNAS L0260

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

Effective Date: 2024-12-10 Expiry Date: 2028-09-16

SCHEDULE 3 ACCREDITED TESTING SCOPE

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
I 、 Gas analysis instrument						
1	Portable combustilbe gas detectors for industrial and commercial use	1	Appearance Inspection	Combustible gas detector--Part 3:Portable combustilbe gas detectors for industrial and commercial use GB15322.3-2019 5.1.3		2024-06-21
		2	Basic performance test	Combustible gas detector--Part 3:Portable combustilbe gas detectors for industrial and commercial use GB15322.3-2019 5.2		2024-06-21
		3	Alarm value	Combustible gas detector--Part 3:Portable combustilbe gas detectors for industrial and commercial use GB15322.3-2019 5.3		2024-06-21
		4	Range indicator	Combustible gas detector--Part 3:Portable combustilbe gas detectors for industrial and commercial use GB15322.3-2019 5.4		2024-06-21
		5	Response time	Combustible gas detector--Part 3:Portable combustilbe gas detectors for industrial and commercial use GB15322.3-2019 5.5		2024-06-21
		6	Position test	Combustible gas detector--Part 3:Portable combustilbe gas detectors for industrial and commercial use GB15322.3-2019 5.6		2024-06-21



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		7	Alarming repeatability test	Combustible gas detector--Part 3:Portable combustilbe gas detectors for industrial and commercial use GB15322.3-2019 5.7		2024-06-21
		8	High speed air flow test	Combustible gas detector--Part 3:Portable combustilbe gas detectors for industrial and commercial use GB15322.3-2019 5.8		2024-06-21
		9	Voltage resistance	Combustible gas detector--Part 3:Portable combustilbe gas detectors for industrial and commercial use GB15322.3-2019 5.9		2024-06-21
		10	High temperature (operating) test	Combustible gas detector--Part 3:Portable combustilbe gas detectors for industrial and commercial use GB15322.3-2019 5.12		2024-06-21
		11	Low temperature (operating) test	Combustible gas detector--Part 3:Portable combustilbe gas detectors for industrial and commercial use GB15322.3-2019 5.13		2024-06-21
		12	Constant temperature and humidity (operating) test	Combustible gas detector--Part 3:Portable combustilbe gas detectors for industrial and commercial use GB15322.3-2019 5.14		2024-06-21
		13	Vibration (sine) (running) test	Combustible gas detector--Part 3:Portable combustilbe gas detectors for industrial and commercial use GB15322.3-2019 5.15		2024-06-21
		14	Vibration (sine) (durable) test	Combustible gas detector--Part 3:Portable combustilbe gas detectors for industrial and commercial use GB15322.3-2019 5.16		2024-06-21
		15	Drop test	Combustible gas detector--Part 3:Portable combustilbe gas detectors for industrial and commercial use GB15322.3-2019 5.17		2024-06-21
		16	Anti-poisoning performance test	Combustible gas detector--Part 3:Portable combustilbe gas detectors for industrial and commercial use GB15322.3-2019 5.18		2024-06-21
		17	Resistance to high concentration gas	Combustible gas detector--Part 3:Portable combustilbe gas detectors for industrial and commercial use GB15322.3-2019		2024-06-21



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		№	Item/ Parameter			
			impact test	5.19		
		18	Run the test at low concentration	Combustible gas detector--Part 3:Portable combustilbe gas detectors for industrial and commercial use GB15322.3-2019 5.20		2024-06-21
2	Point-type combustible gas detectors for industrial and commercial use	1	Appearance Inspection	Combustible gas detectors--Part 1:Point-type combustible gas GB15322.1-2019 5.1.3		2024-06-21
		2	Basic performance test	Combustible gas detectors--Part 1:Point-type combustible gas GB15322.1-2019 5.2		2024-06-21
		3	Alarm value	Combustible gas detectors--Part 1:Point-type combustible gas GB15322.1-2019 5.3		2024-06-21
		4	Range indicator	Combustible gas detectors--Part 1:Point-type combustible gas GB15322.1-2019 5.4		2024-06-21
		5	Response time	Combustible gas detectors--Part 1:Point-type combustible gas GB15322.1-2019 5.5		2024-06-21
		6	Position test	Combustible gas detectors--Part 1:Point-type combustible gas GB15322.1-2019 5.6		2024-06-21
		7	Alarming repeatability test	Combustible gas detectors--Part 1:Point-type combustible gas GB15322.1-2019 5.7		2024-06-21
		8	High speed air flow test	Combustible gas detectors--Part 1:Point-type combustible gas GB15322.1-2019 5.8		2024-06-21
		9	Sample flow variation test	Combustible gas detectors--Part 1:Point-type combustible gas GB15322.1-2019 5.9	Accredited only for suction type specimen	2024-06-21
		10	Line transmission performance test	Combustible gas detectors--Part 1:Point-type combustible gas GB15322.1-2019 5.10	Accredited only for system type specimen	2024-06-21



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		11	Detector interchange performance test	Combustible gas detectors--Part 1:Point-type combustible gas GB15322.1-2019 5.11	Accredited only for system type specimen	2024-06-21
		12	Voltage fluctuation test	Combustible gas detectors--Part 1:Point-type combustible gas GB15322.1-2019 5.12		2024-06-21
		13	Insulation resistance	Combustible gas detectors--Part 1:Point-type combustible gas GB15322.1-2019 5.13		2024-06-21
		14	Electrical strength test	Combustible gas detectors--Part 1:Point-type combustible gas GB15322.1-2019 5.14		2024-06-21
		15	High temperature (operating) test	Combustible gas detectors--Part 1:Point-type combustible gas GB15322.1-2019 5.20		2024-06-21
		16	Low temperature (operating) test	Combustible gas detectors--Part 1:Point-type combustible gas GB15322.1-2019 5.21		2024-06-21
		17	Constant temperature and humidity (operating) test	Combustible gas detectors--Part 1:Point-type combustible gas GB15322.1-2019 5.22		2024-06-21
		18	Vibration (sine) (running) test	Combustible gas detectors--Part 1:Point-type combustible gas GB15322.1-2019 5.23		2024-06-21
		19	Vibration (sine) (durable) test	Combustible gas detectors--Part 1:Point-type combustible gas GB15322.1-2019 5.24		2024-06-21
		20	Drop test	Combustible gas detectors--Part 1:Point-type combustible gas GB15322.1-2019 5.25		2024-06-21
		21	Gas interference resistance test	Combustible gas detectors--Part 1:Point-type combustible gas GB15322.1-2019 5.26	Except for samples with measuring range below	2024-06-21



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
					3%LEL	
		22	Anti-poisoning performance test	Combustible gas detectors--Part 1:Point-type combustible gas GB15322.1-2019 5.27		2024-06-21
		23	Resistance to high concentration gas impact test	Combustible gas detectors--Part 1:Point-type combustible gas GB15322.1-2019 5.28		2024-06-21
		24	Run the test at low concentration	Combustible gas detectors--Part 1:Point-type combustible gas GB15322.1-2019 5.29		2024-06-21
		25	Long-term stable experiment	Combustible gas detectors--Part 1:Point-type combustible gas GB15322.1-2019 5.30		2024-06-21
3	Combustible gas detectors	1	Appearance Inspection	Combustible gas detectors--Part 2:Household combustible gas detectors GB15322.2-2019 4.1.3		2024-06-21
		2	Basic performance test	Combustible gas detectors--Part 2:Household combustible gas detectors GB15322.2-2019 4.2		2024-06-21
		3	Alarm value	Combustible gas detectors--Part 2:Household combustible gas detectors GB15322.2-2019 4.3		2024-06-21
		4	Range indicator	Combustible gas detectors--Part 2:Household combustible gas detectors GB15322.2-2019 4.4	Accredited only for Sample with concentration display function	2024-06-21
		5	Response time	Combustible gas detectors--Part 2:Household combustible gas detectors GB15322.2-2019 4.5		2024-06-21
		6	Position test	Combustible gas detectors--Part 2:Household combustible gas detectors GB15322.2-2019 4.6		2024-06-21
		7	Alarming repeatability test	Combustible gas detectors--Part 2:Household combustible gas detectors GB15322.2-2019 4.7		2024-06-21



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		8	Alarm test during preheating	Combustible gas detectors--Part 2:Household combustible gas detectors GB15322.2-2019 4.8		2024-06-21
		9	Voltage fluctuation test	Combustible gas detectors--Part 2:Household combustible gas detectors GB15322.2-2019 4.10	Except for Battery-powered samples	2024-06-21
		10	Voltage resistance	Combustible gas detectors--Part 2:Household combustible gas detectors GB15322.2-2019 4.11		2024-06-21
		11	Insulation resistance	Combustible gas detectors--Part 2:Household combustible gas detectors GB15322.2-2019 4.12		2024-06-21
		12	Electrical strength test	Combustible gas detectors--Part 2:Household combustible gas detectors GB15322.2-2019 4.13		2024-06-21
		13	High temperature (operating) test	Combustible gas detectors--Part 2:Household combustible gas detectors GB15322.2-2019 4.19		2024-06-21
		14	Low temperature (operating) test	Combustible gas detectors--Part 2:Household combustible gas detectors GB15322.2-2019 4.20		2024-06-21
		15	Constant temperature and humidity (operating) test	Combustible gas detectors--Part 2:Household combustible gas detectors GB15322.2-2019 4.21		2024-06-21
		16	Vibration (sine) (running) test	Combustible gas detectors--Part 2:Household combustible gas detectors GB15322.2-2019 4.22		2024-06-21
		17	Vibration (sine) (durable) test	Combustible gas detectors--Part 2:Household combustible gas detectors GB15322.2-2019 4.23		2024-06-21
		18	Drop test	Combustible gas detectors--Part 2:Household combustible gas detectors GB15322.2-2019 4.24		2024-06-21
		19	Gas interference resistance test	Combustible gas detectors--Part 2:Household combustible gas detectors GB15322.2-2019 4.25		2024-06-21
		20	Anti-poisoning performance test	Combustible gas detectors--Part 2:Household combustible gas detectors GB15322.2-2019 4.26		2024-06-21



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		№	Item/ Parameter			
		21	Run the test at low concentration	Combustible gas detectors--Part 2:Household combustible gas detectors GB15322.2-2019 4.27		2024-06-21
		22	Long-term stable experiment	Combustible gas detectors--Part 2:Household combustible gas detectors GB15322.2-2019 4.28		2024-06-21
II 、 General environmental test for electrical products						
1	Measurement instruments,electric and electronic products	1	Transportation	General specification for electronic measuring instruments GB/T 6587-2012 5.10	Accredited only for:Maximum load: 140kg Frequency: (5~2000)Hz Acceleration: (0.1~980) m/s ² Displacement: (0.01~51) mm(P-P) Fall height:(300~1500)mm	2024-06-21
		2	Vibration、broadband random	Environmental testing-Part 2: Test methods-Test Fh: Vibration, broadband random and guidance GB/T 2423.56-2018 4~9	Accredited only for Maximum load: 140kg	2024-06-21



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
					Frequency : (5~ 2000)Hz Acceleratio n: (0.1~ 980) m/s ² Displaceme nt: (0.01~ 51) mm(P- P) Maximum trust: 9800N	
		3	Solar radiation test	Environmental testing—Part 2: Test methods—Test S: Simulated solar radiation at ground level and guidance for solar radiation testing and weathering GB/T 2423.24-2022 5	Tray size 451mm×71 8mm (Sa thermal effect test only)	2024-06-21
		4	Water test	Environmental testing—Part 2:Test methods—Test R:Water test method and guidance GB/T 2423.38-2021 6	Accredited only for IPX3 and IPX4 (Oscillati ng tube method)	2024-06-21
		5	Cold Temperature	Environmental testing for electric and electronic products- Part 2: Test methods -Tests A: Cold GB/T 2423.1-2008 6	Accredited only for:	2024-06-21



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		№	Item/ Parameter			
					Maximum Volume 0.5m ³ Temperature: -40°C ~ 20°C	
				General specification for electronic measuring instruments GB/T 6587-2012 5.9.1	Accredited only for: Maximum Volume 0.5m ³ Temperature: -40°C ~ 20°C	
		6	Dry heat Temperature	Environmental testing for electric and electronic products- Part 2: Test methods - Tests B: Dry heat GB/T 2423.2-2008 6	Accredited only for: Maximum Volume 0.5m ³ Temperature: 20°C ~ 150°C	2024-06-21
				General specification for electronic measuring instruments GB/T 6587-2012 5.9.1	Accredited only for: Maximum Volume 0.5m ³ Temperature: 20°C ~ 150°C	



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		7	Damp heat	Environmental testing - Part 2: Testing method-Test Cab:Damp heat,steady state GB/T 2423.3-2016 4	Accredited only for: Maximum Volume 0.5m ³ -40°C~150°C 20%RH~98%RH	2024-06-21
				Environmental testing for electric and electronic products - Part 2: Test method-Test Db:Damp heat, cyclic(12h+12h cycle) GB/T 2423.4-2008 5~11	Accredited only for: Maximum Volume 0.5m ³ -40°C~150°C 20%RH~98%RH	2024-06-21
				General specification for electronic measuring instruments GB/T 6587-2012 5.9.2	Accredited only for: Maximum Volume 0.5m ³ -40°C~150°C 20%RH~98%RH	2024-06-21
		8	Salt mist	Environmental testing for electric and electronic products-Part 2: Test methods-Test Ka: Salt mist GB/T 2423.17-2008 3~8	Accredited only for:	2024-06-21



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
					Maximum Volume 1m ³	
		9	Dust and sand	Environmental testing for electric and electronic products-Part 2: Test methods-Test L: Dust and sand GB/T 2423.37-2006 4	Accredited only for : Maximum Volume 1m ³ and method La	2024-06-21
		10	Vibration	Environmental testing—Part 2: Test methods Test Fc:Vibration (sinusoidal) GB/T 2423.10-2019 8	Accredited only for: Maximum trust 9800N Maximum load 140kg Frequency range:5~2000Hz Acceleration: (0.1~980) m/s ² Displacement: (0.01~51) mm _{p-p}	2024-06-21
				General specification for electronic measuring instruments GB/T 6587-2012 5.9.3	Accredited only for: Maximum trust 9800N Maximum load 140kg	2024-06-21



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
					Frequency range:5~2000Hz Acceleration: (0.1~980) m/s ² Displacement: (0.01~51) mm _{p-p}	
		11	Free fall	Environmental testing—Part 2:Test methods—Test Ec:Rough handling shocks,primarily for equipment-type specimens GB/T 2423.7-2018 5.2~5.3	Accredited only for free fall (300~1500)mm	2024-06-21
		12	Shock	Environmental testing —Part 2: Test methods—Test Ea and guidance:Shock GB/T 2423.5-2019 5~10	Accredited only for Maximum Load 140kg Pulse: (3~20)ms Acceleration: (10~980) m/s ²	2024-06-21
				General specification for electronic measuring instruments GB/T 6587-2012 5.9.4	Accredited only for Maximum Load 140kg Pulse: (3~20)ms	2024-06-21



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
					Acceleration: (10~980) m/s ²	
		13	Power adaptability test	General specification for electronic measuring instruments GB/T 6587-2012 5.12		2024-06-21
		14	Temperature change test	Basic environmental testing procedures for electric and electronic products-Part 2: Test Methods-test N: Change of temperature GB/T 2423.22-2012 7	Accredited only for (-60~150)°C, volume 0.1m ³	2024-06-21
		15	Low air pressure	Environmental testing for electric and electronic products-part 2:Test methods-Test M:Low air pressure GB/T 2423.21-2008 7	Accredited only for: air pressure: (1.7~90.8)kPa	2024-06-21
				Environmental testing -part 2:Test methods -Test method and guidance: Combined temperature or temperature and humidity with low air pressure tests GB/T 2423.27-2020 4	Accredited only for: air pressure: (1.7~90.8)kPa; temperature: (-60.0~160.0)°C; humidity: (20.0~95.0)%RH	2024-06-21



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