

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: 2023-06-19 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		2022-06-28
		2	Basic performance test	Combustible gas detector--Part 3:Portable combustilbe gas detectors for industrial and commercial use GB15322.3-2019 5.2		2022-06-28
		3	Alarm value	Combustible gas detector--Part 3:Portable combustilbe gas detectors for industrial and commercial use GB15322.3-2019 5.3		2022-06-28
		4	Range indicator	Combustible gas detector--Part 3:Portable combustilbe gas detectors for industrial and commercial use GB15322.3-2019 5.4		2022-06-28
		5	Response time	Combustible gas detector--Part 3:Portable combustilbe gas detectors for industrial and commercial use GB15322.3-2019 5.5		2022-06-28
		6	Position test	Combustible gas detector--Part 3:Portable combustilbe gas detectors for industrial and commercial use GB15322.3-2019 5.6		2022-06-28



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
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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		2022-06-28
		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		2022-06-28
		9	Voltage resistance	Combustible gas detector--Part 3:Portable combustilbe gas detectors for industrial and commercial use GB15322.3-2019 5.9		2022-06-28
		10	High temperature (operating) test	Combustible gas detector--Part 3:Portable combustilbe gas detectors for industrial and commercial use GB15322.3-2019 5.12		2022-06-28
		11	Low temperature (operating) test	Combustible gas detector--Part 3:Portable combustilbe gas detectors for industrial and commercial use GB15322.3-2019 5.13		2022-06-28
		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		2022-06-28
		13	Vibration (sine) (running) test	Combustible gas detector--Part 3:Portable combustilbe gas detectors for industrial and commercial use GB15322.3-2019 5.15		2022-06-28
		14	Vibration (sine) (durable) test	Combustible gas detector--Part 3:Portable combustilbe gas detectors for industrial and commercial use GB15322.3-2019 5.16		2022-06-28
		15	Drop test	Combustible gas detector--Part 3:Portable combustilbe gas detectors for industrial and commercial use GB15322.3-2019 5.17		2022-06-28
		16	Anti-poisoning performance test	Combustible gas detector--Part 3:Portable combustilbe gas detectors for industrial and commercial use GB15322.3-2019 5.18		2022-06-28
		17	Resistance to high concentration gas	Combustible gas detector--Part 3:Portable combustilbe gas detectors for industrial and commercial use GB15322.3-2019		2022-06-28



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			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		2022-06-28
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		2022-06-28
		2	Basic performance test	Combustible gas detectors--Part 1:Point-type combustible gas GB15322.1-2019 5.2		2022-06-28
		3	Alarm value	Combustible gas detectors--Part 1:Point-type combustible gas GB15322.1-2019 5.3		2022-06-28
		4	Range indicator	Combustible gas detectors--Part 1:Point-type combustible gas GB15322.1-2019 5.4		2022-06-28
		5	Response time	Combustible gas detectors--Part 1:Point-type combustible gas GB15322.1-2019 5.5		2022-06-28
		6	Position test	Combustible gas detectors--Part 1:Point-type combustible gas GB15322.1-2019 5.6		2022-06-28
		7	Alarming repeatability test	Combustible gas detectors--Part 1:Point-type combustible gas GB15322.1-2019 5.7		2022-06-28
		8	High speed air flow test	Combustible gas detectors--Part 1:Point-type combustible gas GB15322.1-2019 5.8		2022-06-28
		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	2022-06-28
		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	2022-06-28



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		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	2022-06-28
		12	Voltage fluctuation test	Combustible gas detectors--Part 1:Point-type combustible gas GB15322.1-2019 5.12		2022-06-28
		13	Insulation resistance	Combustible gas detectors--Part 1:Point-type combustible gas GB15322.1-2019 5.13		2022-06-28
		14	Electrical strength test	Combustible gas detectors--Part 1:Point-type combustible gas GB15322.1-2019 5.14		2022-06-28
		15	High temperature (operating) test	Combustible gas detectors--Part 1:Point-type combustible gas GB15322.1-2019 5.20		2022-06-28
		16	Low temperature (operating) test	Combustible gas detectors--Part 1:Point-type combustible gas GB15322.1-2019 5.21		2022-06-28
		17	Constant temperature and humidity (operating) test	Combustible gas detectors--Part 1:Point-type combustible gas GB15322.1-2019 5.22		2022-06-28
		18	Vibration (sine) (running) test	Combustible gas detectors--Part 1:Point-type combustible gas GB15322.1-2019 5.23		2022-06-28
		19	Vibration (sine) (durable) test	Combustible gas detectors--Part 1:Point-type combustible gas GB15322.1-2019 5.24		2022-06-28
		20	Drop test	Combustible gas detectors--Part 1:Point-type combustible gas GB15322.1-2019 5.25		2022-06-28
		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	2022-06-28



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		22	Anti-poisoning performance test	Combustible gas detectors--Part 1:Point-type combustible gas GB15322.1-2019 5.27		2022-06-28
		23	Resistance to high concentration gas impact test	Combustible gas detectors--Part 1:Point-type combustible gas GB15322.1-2019 5.28		2022-06-28
		24	Run the test at low concentration	Combustible gas detectors--Part 1:Point-type combustible gas GB15322.1-2019 5.29		2022-06-28
		25	Long-term stable experiment	Combustible gas detectors--Part 1:Point-type combustible gas GB15322.1-2019 5.30		2022-06-28
3	Combustible gas detectors	1	Appearance Inspection	Combustible gas detectors--Part 2:Household combustible gas detectors GB15322.2-2019 4.1.3		2022-06-28
		2	Basic performance test	Combustible gas detectors--Part 2:Household combustible gas detectors GB15322.2-2019 4.2		2022-06-28
		3	Alarm value	Combustible gas detectors--Part 2:Household combustible gas detectors GB15322.2-2019 4.3		2022-06-28
		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	2022-06-28
		5	Response time	Combustible gas detectors--Part 2:Household combustible gas detectors GB15322.2-2019 4.5		2022-06-28
		6	Position test	Combustible gas detectors--Part 2:Household combustible gas detectors GB15322.2-2019 4.6		2022-06-28
		7	Alarming repeatability test	Combustible gas detectors--Part 2:Household combustible gas detectors GB15322.2-2019 4.7		2022-06-28



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
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		8	Alarm test during preheating	Combustible gas detectors--Part 2:Household combustible gas detectors GB15322.2-2019 4.8		2022-06-28
		9	Voltage fluctuation test	Combustible gas detectors--Part 2:Household combustible gas detectors GB15322.2-2019 4.10	Except for Battery-powered samples	2022-06-28
		10	Voltage resistance	Combustible gas detectors--Part 2:Household combustible gas detectors GB15322.2-2019 4.11		2022-06-28
		11	Insulation resistance	Combustible gas detectors--Part 2:Household combustible gas detectors GB15322.2-2019 4.12		2022-06-28
		12	Electrical strength test	Combustible gas detectors--Part 2:Household combustible gas detectors GB15322.2-2019 4.13		2022-06-28
		13	High temperature (operating) test	Combustible gas detectors--Part 2:Household combustible gas detectors GB15322.2-2019 4.19		2022-06-28
		14	Low temperature (operating) test	Combustible gas detectors--Part 2:Household combustible gas detectors GB15322.2-2019 4.20		2022-06-28
		15	Constant temperature and humidity (operating) test	Combustible gas detectors--Part 2:Household combustible gas detectors GB15322.2-2019 4.21		2022-06-28
		16	Vibration (sine) (running) test	Combustible gas detectors--Part 2:Household combustible gas detectors GB15322.2-2019 4.22		2022-06-28
		17	Vibration (sine) (durable) test	Combustible gas detectors--Part 2:Household combustible gas detectors GB15322.2-2019 4.23		2022-06-28
		18	Drop test	Combustible gas detectors--Part 2:Household combustible gas detectors GB15322.2-2019 4.24		2022-06-28
		19	Gas interference resistance test	Combustible gas detectors--Part 2:Household combustible gas detectors GB15322.2-2019 4.25		2022-06-28
		20	Anti-poisoning performance test	Combustible gas detectors--Part 2:Household combustible gas detectors GB15322.2-2019 4.26		2022-06-28

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		21	Run the test at low concentration	Combustible gas detectors--Part 2:Household combustible gas detectors GB15322.2-2019 4.27		2022-06-28
		22	Long-term stable experiment	Combustible gas detectors--Part 2:Household combustible gas detectors GB15322.2-2019 4.28		2022-06-28
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	2022-06-28
		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	2022-06-28



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
					Frequency : (5~2000)Hz Acceleration: (0.1~980) m/s ² Displacement: (0.01~51) mm(P-P) Maximum trust: 9800N	
		3	Solar radiation test	Environmental testing-Part 2: Test methods-Test Sa: Simulated solar radiation at ground level and guidance for solar radiation testing GB/T 2423.24-2013 7	Accredited only for: Maximum Volume 0.8m ³	2022-06-28
		4	Water test	Environmental testing for electric and electronic products -- Part 2: Test methods -- Test R: Water test method and guidance GB/T 2423.38-2008 6	Accredited only for IPX3 and IPX4	2022-06-28
		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: Maximum Volume 0.5m ³ Temperatur	2022-06-28

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SCHEDULE OF ACCREDITATION CERTIFICATE



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
					e:-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	2022-06-28
		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	2022-06-28
				Generalspecification for electronic measuring instruments GB/T 6587-2012 5.9.1	Accredited only for: Maximum Volume 0.5m ³ Temperature: 20°C~ 150°C	2022-06-28
		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	2022-06-28



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					Volume 0.5m ³ -40°C~ 150°C 20%RH~ 98%RH	
				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	2022-06-28
				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	2022-06-28
		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: Maximum Volume 1m ³	2022-06-28



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		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 1m³ and method La	2022-06-28
		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/s² Displacement: (0.01~51) mm _{p-p}	2022-06-28
				General specification for electronic measuring instruments GB/T 6587-2012 5.9.3	Accredited only for: Maximum trust 9800N Maximum load 140kg Frequency range:5~2000Hz	2022-06-28



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
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					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	2022-06-28
		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	2022-06-28
				General specification for electronic measuring instruments GB/T 6587-2012 5.9.4	Accredited only for Maximum Load 140kg Pulse: (3~20)ms Acceleration: (10~980) m/s ²	2022-06-28



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		13	Power adaptability test	General specification for electronic measuring instruments GB/T 6587-2012 5.12		2022-06-28
		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	2022-06-28



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