

Name: Suzhou LECC Testing Technology Co., Ltd.

Address: Building 5, High-Tech Development Park, No. 98, Hengshan Road, High-Tech Area, Suzhou, Jiangsu, China

Registration No. CNAS L6215

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

Effective Date: 2023-12-12 Expiry Date: 2028-05-22

SCHEDULE 3 ACCREDITED TESTING SCOPE

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
GPS Testing						
1	Mechanical Parts	1	Dimension	Geometrical Product Specifications(GPS)—Inspection of plain workpiece sizes GB/T 3177-2009		2022-11-07
		2	Geometrical tolerance	Geometrical Product Specifications(GPS)—Geometrical tolerance—Verification GB/T 1958-2017		2022-11-07
2	Straight cylindrical involute splines-Gauge	1	Major diameter of plug gauge	Straight cylindrical involute splines-Gauge GB/T 5106-2012 9.5		2022-11-07
		2	Minor diameter of ring gauge	Straight cylindrical involute splines-Gauge GB/T 5106-2012 9.6		2022-11-07
		3	Tooth thickness of plug gauge	Straight cylindrical involute splines-Gauge GB/T 5106-2012 9.7		2022-11-07
		4	Space width of ring gauge	Straight cylindrical involute splines-Gauge GB/T 5106-2012 9.8		2022-11-07
3	Gauges for straight-sided splines	1	Symmetry of space width	Gauges for straight-sided splines GB/T 10919-2021 4.2.1		2022-11-07
		2	Major diameter	Gauges for straight-sided splines GB/T 10919-2021 4.2.3		2022-11-07

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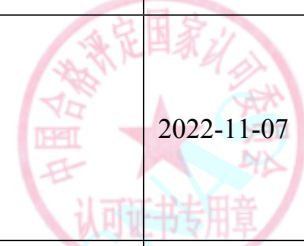
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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
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		3	Minor diameter	Gauges for straight-sided splines GB/T 10919-2021 4.2.2		2022-11-07
		4	Space width	Gauges for straight-sided splines GB/T 10919-2021 4.2.4		2022-11-07
4	Vee-blocks	1	All parameters	Vee-blocks JB/T 8047-2007		2022-11-07
5	Water drop angle tester	1	Contact angle	Test method for hydrophobic contamination on glass by contact angle measurement GB/T 24368-2009 10		2022-11-07
6	Gauges for screw caps and holders	1	Dimension	Gauges for lamp caps and holders—Part 1:Gauges for screw caps and holders GB/T1483.1-2008 6		2022-11-07
		2	Angle	Gauges for lamp caps and holders—Part 1:Gauges for screw caps and holders GB/T1483.1-2008 6		2022-11-07
7	Gauges for pin caps and lampholders	1	Dimension	Gauges for caps and lampholders—Part 2:Gauges for pin caps and lampholders GB/T1483.2-2008 6		2022-11-07
		2	Angle	Gauges for caps and lampholders—Part 2:Gauges for pin caps and lampholders GB/T1483.2-2008 6		2022-11-07
8	Gauges for perfocus caps and lampholders	1	Dimension	Gauges for lamp caps and lampholders—Part 3:Gauges for perfocus caps and lampholders GB/T1483.3-2008 6		2022-11-07
		2	Angle	Gauges for lamp caps and lampholders—Part 3:Gauges for perfocus caps and lampholders GB/T1483.3-2008 6		2022-11-07
9	Gauges for miscellaneous caps and lampholders	1	Dimension	Gauges for lamp caps and lampholders—Part 4:Gauges for miscellaneous caps and lampholders GB/T1483.4-2009 6		2022-11-07
		2	Angle	Gauges for lamp caps and lampholders—Part 4:Gauges for miscellaneous caps and lampholders GB/T1483.4-2009 6		2022-11-07
10	Gauges for bayonet caps and lampholders	1	Dimension	Gauges for caps and lampholders—Part 5:Gauges for bayonet caps and lampholders GB/T1483.5-2008 6		2022-11-07
		2	Angle	Gauges for caps and lampholders—Part 5:Gauges for bayonet caps and lampholders GB/T1483.5-2008 6		2022-11-07
11	Test Tool for Inspecting Shell	1	Dimension	Protection of persons and equipment by enclosures—Probe for verification GB/T16842-2016 6		2022-11-07



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	Protection	2	Angle	Protection of persons and equipment by enclosures—Probe for verification GB/T16842-2016 6		2022-11-07
12	Gauges for pipe threads with 55 degree thread angle where pressure-tight joints are made on the threads	1	Pitch diameter	Gauges for pipe threads where pressure-tight joints are made on the threads JB/T10031-2019 9.2.1		2022-11-07
		2	Pitch	Gauges for pipe threads where pressure-tight joints are made on the threads JB/T10031-2019 9.2.1		2022-11-07
13	Gauges for pipe threads with 55 degree thread angle where pressure-tight joints are made on the threads	1	Base surface diameter	Gauges for pipe threads with 55 degree thread angle where pressure-tight joints are made on the threads—Part 1:Verification of parallel internal and taper external threads GB/T 22091.1-2008 8.1;8.2		2022-11-07
		2	Pitch	Gauges for pipe threads with 55 degree thread angle where pressure-tight joints are made on the threads—Part 1:Verification of parallel internal and taper external threads GB/T 22091.1-2008 8.1;8.2		2022-11-07
14	Gauges for pipe threads with 60 degree thread angle where pressure-tight joints are made on the threads	1	Base surface diameter	Pipe Threads,General Purpose(Inch) ASME B1.20.1-2013 7.2;7.3		2022-11-07
		2	Pitch	Pipe Threads,General Purpose(Inch) ASME B1.20.1-2013 7.2;7.3		2022-11-07
15	Gaging For Dryseal Pipe Threads with	1	Base surface diameter	Gaging For Dryseal Pipe Threads (Inch) ASME B1.20.5-1991 (R2019) B1.2;B.2.2		2022-11-07



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	60 degree thread angle	2	Pitch	Gaging For Dryseal Pipe Threads (Inch) ASME B1.20.5-1991 (R2019) B1.2;B.2.2		2022-11-07
16	Tapered tube thread gauge	1	Pitch diameter	Test methods for taper screw threads GB/T32534-2016 6.1.1.2		2022-11-07
		2	Lateral angle of tooth	Test methods for taper screw threads GB/T32534-2016 6.1.2;6.2.1		2022-11-07
		3	Pitch	Test methods for taper screw threads GB/T32534-2016 6.1.3;6.2.2		2022-11-07
		4	Taper	Test methods for taper screw threads GB/T32534-2016 6.1.4;6.2.3		2022-11-07
		5	Major diam	Test methods for taper screw threads GB/T32534-2016 6.1.5		2022-11-07
		6	Minor diam	Test methods for taper screw threads GB/T32534-2016 6.1.6;6.2.4		2022-11-07
		7	Step position	Test methods for taper screw threads GB/T32534-2016 6.1.7		2022-11-07
17	Metal materials and products	1	Surface roughness	Casting surface roughness-Appraising method GB/T 15056-2017 4		2022-11-07
				Surface roughness comparison specimen-Part 1:Casting surface GB/T 6060.1-2018 6.2,6.3		2022-11-07
18	Ruhr gauge	1	Length	6% (Ruhr) conical connector for syringes, injection needles and other medical instruments GB/T1962.1-2015 Part 1: General requirements		2022-11-07
Mechanical properties						
1	Metal Materials and Products(Mechanical properties)	1	Tensile test	Metallic materials-Tensile tests-Part 1: Method of test at room temperature ISO 6892-1:2016 10.3.3	Accredited only for tensile strength, percentage elongation	2022-11-07

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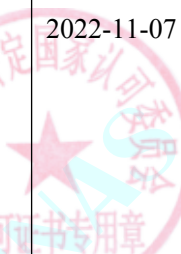
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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
					after fracture, yield strength and proof strength-plastic extension in method B; tensile force ≤100kN	
				Metallic materials-Tensile testing-Part 1:Method of test at room temperature GB/T 228.1-2021 10.3.3	Accredited only for tensile strength, percentage elongation after fracture, yield strength and proof strength-plastic extension in method B; tensile force ≤100kN	2022-11-07

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SCHEDULE OF ACCREDITATION CERTIFICATE



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
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				Destructive tests on welds in metallic materials- Transverse tensile test ISO 4136 -2022	Force measurement value≤100kN	2022-11-07
				Standard and method for tensile testing of wrought and cast aluminum and magnesium alloy products ASTM B557M-2015	Force measurement value≤100kN	2022-11-07
				Copper and copper alloy materials-Tensile testing at room temperature GB/T34505-2017	Force measurement value≤100kN	2022-11-07
				Steel and steel products-Location and preparation of samples and test pieces for mechanical testing GB/T2975-2018	Force measurement value≤100kN	2022-11-07
				Standard method and definition of mechanical property test for steel products ASTM A370-2021	Force measurement value≤100kN	2022-11-07
				Standard Practice for aluminum and aluminum alloy sheet and plate ASTM B209/B209M-2021a	Force measurement value≤100kN	2022-11-07



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
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		2	Brinell hardness	Metallic materials-Brinell hardness test-Part 1:Test method GB/T 231.1-2018		2022-11-07
		3	Rockwell hardness	Metallic materials-Rockwell hardness test-Part 1:Test method(scales A、B、C、D、E、F、G、H、K、N、T) GB/T 230.1-2018	Accredited only for scales A、B、C	2022-11-07
		4	Vickers hardness	Metallic materials-Vickers hardness test-Part 1:Test method GB/T 4340.1-2009		2022-11-07
		5	Bending test	Metallic materials-Determination of bending mechanical porperties YB/T 5349-2014		2022-11-07
				Metallic materials-Tube-Bend test method GB/T 244-2020		2022-11-07
				Metallic materials-Bend test GB/T 232-2010		2022-11-07
				Bend test methods on welded joints GB/T 2653-2008		2022-11-07
				Plate bending test of metal materials VDA 238-100-2016		2022-11-07
		6	Compression and flattening test	Metallic materials-Tube-Flattening test GB/T 246-2017		2022-11-07
		7	Mechanical properties of fastener	Mechanical properties of fasteners -- Bolts, screws and studs GB/T3098.1-2010	Accredited only for wedge loading and Hardness test	2022-11-07
				Mechanical properties of fasteners-Nut GB/T3098.2-2015	Accredited only for Hardness test	2022-11-07



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		8	Metal impact test	Metallic materials-Charpy pendulum impact test method GB/T229-2020	只测: KV2≤300J , -70℃~ 0℃和室温	2022-11-07
				Impact test methods on welded joints GB/T 2650-2008	Accredited only for KV2≤300J, -70℃~0℃ and room temperature	2022-11-07
2	Horizontal hard-bearing balancing machines	1	Minimum achievable residual imbalance	Horizontal hard-bearing balancing machines—Technical specification JB/T 9390-2013 7.7		2022-11-07
		2	Unbalance reduction rate	Horizontal hard-bearing balancing machines—Technical specification JB/T 9390-2013 7.8		2022-11-07
		3	Speed	Horizontal hard-bearing balancing machines—Technical specification JB/T 9390-2013 7.5		2022-11-07
3	Rubber	1	Tensile property	Rubber, vulcanized or thermoplastic-Determination of tensile stress-strain properties GB/T 528-2009	Accredited only for tensile strength and elongation at break of dumbbell specimen	2022-11-07
				Rubber, vulcanized or thermoplastic-Determination of tensile stress-strain properties ISO 37:2017	Accredited only for tensile	2022-11-07



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					strength and elongation at break of dumbbell specimen	2022-11-07
				Standard test methods for vulcanized rubber and thermoplastic elastomers-Tension ASTM D412-2016 (2021) 10~13	Accredited only for tensile strength and elongation at break of dumbbell specimen	
				Testing of rubber-Determination of tensile strength at break, tensile stress at yield, elongation at break and stress values in a tensile test DIN 53504:2017-03	Accredited only for tensile strength and elongation at break of dumbbell specimen	
4	Metal materials and products (Microstructure)	1	Microstructure	Inspection methods of microstructure for metals GB/T 13298-2015 7		2022-11-07
		2	Microscopic metallographic examination	Determination of total or effective thickness of thin surface hardened layers of steel parts GB/T 9451-2005		2022-11-07
				Metallorgraphic examination for carburizing quenching and tempering of steel parts GB/T 25744-2010		2022-11-07



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date		
		№	Item/ Parameter					
				Steels-Determination and verification of the depth of carburized and hardened cases GB/T 9450-2005		2022-11-07		
				Determination of nitrided case depth and metallorgraphic microstructure examination for steel and iron parts GB/T 11354-2005		2022-11-07		
				Determination of estimating the average grain size of metal GB/T 6394-2017	Accredited only for comparison method	2022-11-07		
				Steel-Determination of content of nonmetallic inclusions-Microscopic method using standards diagrams GB/T 10561-2005	Accredited only for A method	2022-11-07		
5	Rubber and rubber products	1	Tear strength	Rubber, vulcanized or thermoplastic — Determination of tear strength (Trouser, angle and crescent test pieces) GB/T 529-2008 9.~10.		2022-11-07		
				2	Density	Rubber, vulcanized or thermoplastic — Determination of density GB/T 533-2008 9.~10.	Method A only	2022-11-07
						Rubber, vulcanized or thermoplastic — Determination of density ISO 2781: 2018 11.~12.	Method A only	2022-11-07
				3	Hardness	Rubber, vulcanized or thermoplastic — Determination of indentation hardness — Part 1: Durometer method (Shore hardness) GB/T 531.1-2008 7.~8.	Only type A and D	2022-11-07
Standard Test Method for Rubber Property - Durometer Hardness ASTM D2240-2015 (2021) 7.	Only type A and D	2022-11-07						
6	Adhesive tapes	1	Peel adhesion properties	Measurement of peel adhesion properties for adhesive tapes GB/T 2792-2014 5.~8.	only accredited for 180° peel.	2022-11-07		
7	Electrical and electronic	1	Salt spray test	Environmental testing for electric and electronic products—Part	Size:	2022-11-07		



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		№	Item/ Parameter			
	products			2: Test methods—Test Ka: Salt mist GB/T 2423.17-2008 6~8	900×600×500(W×D×H)mm	
Biochemical test equipment						
1	Clean bench	1	Cleanliness	Clean bench JG/T 292-2010 7.4.4.6		2022-11-07
		2	Air speed	Clean bench JG/T 292-2010 7.4.4.3		2022-11-07
		3	Noise	Clean bench JG/T 292-2010 7.4.4.8		2022-11-07
		4	Illumination	Clean bench JG/T 292-2010 7.4.4.9		2022-11-07
		5	Leak hunting	Clean bench JG/T 292-2010 7.4.4.1		2022-11-07
		6	Inlet wind speed	Clean bench JG/T 292-2010 7.4.4.4		2022-11-07
		7	Air volume	Clean bench JG/T 292-2010 7.4.4.5		2022-11-07
2	water quality automatic analyzer of ammonia	1	repeatability error	the technical requirement for water quality automatic analyzer of ammonia HJ/T101-2019 8.5.1		2022-11-07
		2	zero drift	the technical requirement for water quality automatic analyzer of ammonia HJ/T101-2019 8.5.2		2022-11-07
		3	span drift	the technical requirement for water quality automatic analyzer of ammonia HJ/T101-2019 8.5.3		2022-11-07
		4	straightness	the technical requirement for water quality automatic analyzer of ammonia HJ/T101-2019 8.5.4		2022-11-07
3	water quality automatic analyzer of total	1	repeatability error	the technical requirement for water quality automatic analyzer of total phosphorous HJ/T103-2003 8.4.1		2022-11-07
		2	zero drift	the technical requirement for water quality automatic analyzer of total phosphorous HJ/T103-2003 8.4.2		2022-11-07



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	phosphorous	3	span drift	the technical requirement for water quality automatic analyzer of total phosphorous HJ/T103-2003 8.4.3		2022-11-07
		4	straightness	the technical requirement for water quality automatic analyzer of total phosphorous HJ/T103-2003 8.4.4		2022-11-07
4	clean room	1	cleanliness	code for design of clean room GB50073-2013 3.0.1		2022-11-07
				Test method for airborne particles in clean room (zone) of the pharmaceutical industry GB/T16292-2010 5.4		2022-11-07
				Code for construction and acceptance of cleanroom GB50591-2010 appendix E.4		2022-11-07
				Code for design of electronic industry clean room GB 50472-2008 D.3.4		2022-11-07
				Cleanrooms and associated controlled environments-Part 1: Classification of air cleanliness GB/T 25915.1-2010 appendix B		2022-11-07
				Cleanrooms and associated controlled environments-Part 3: Test methods GB/T 25915.3-2010 appendix B.1		2022-11-07
				Standard for design of pharmaceutical industry clean room GB 50457-2019 3.2.1		2022-11-07
				Code of construction and quality acceptance of industrial cleanroom GB 51110-2015 appendix C.1		2022-11-07
		2	noise	code for design of clean room GB50073-2013 4.4.1		2022-11-07
				Code for construction and acceptance of cleanroom GB50591-2010 appendix E.6		2022-11-07
				Code for design of electronic industry clean room GB 50472-2008 D.3.7		2022-11-07
				Standard for design of pharmaceutical industry clean room GB 50457-2019 3.2.7		2022-11-07
			Code of construction and quality acceptance of industrial cleanroom GB 51110-2015 appendix C.9		2022-11-07	



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		3	temperature	code for design of clean room GB50073-2013 6.1.4		2022-11-07
				Code for construction and acceptance of cleanroom GB50591-2010 appendix E.5		2022-11-07
				Code for design of electronic industry clean room GB 50472-2008 D.3.6		2022-11-07
				Cleanrooms and associated controlled environments-Part 3: Test methods GB/T 25915.3-2010 appendix B.8;B.9		2022-11-07
				Standard for design of pharmaceutical industry clean room GB 50457-2019 3.2.4		2022-11-07
				Code of construction and quality acceptance of industrial cleanroom GB 51110-2015 appendix C.6;C.7		2022-11-07
		4	relative humidity	code for design of clean room GB 50073-2013 6.1.4		2022-11-07
				Code for construction and acceptance of cleanroom GB50591-2010 appendix E.5		2022-11-07
				Code for design of electronic industry clean room GB 50472-2008 D.3.6		2022-11-07
				Cleanrooms and associated controlled environments-Part 3: Test methods GB/T 25915.3-2010 appendix B.8;B.9		2022-11-07
				Standard for design of pharmaceutical industry clean room GB 50457-2019 3.2.4		2022-11-07
				Code of construction and quality acceptance of industrial cleanroom GB 51110-2015 appendix C.6;C.7		2022-11-07
		5	illuminance	code for design of clean room GB50073-2013 appendix A.2.4		2022-11-07
				Code for construction and acceptance of cleanroom GB50591-2010 appendix E.7		2022-11-07
				Code for design of electronic industry clean room GB 50472-2008 D.3.8		2022-11-07



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		6	clean-down capability	Standard for design of pharmaceutical industry clean room GB 50457-2019 3.2.6		2022-11-07
				Code of construction and quality acceptance of industrial cleanroom GB 51110-2015 appendix C.10		2022-11-07
				Code for construction and acceptance of cleanroom GB50591-2010 appendix E.11		2022-11-07
				Code for design of electronic industry clean room GB 50472-2008 D.3.10		2022-11-07
				Cleanrooms and associated controlled environments-Part 3: Test methods GB/T 25915.3-2010 appendix B.12		2022-11-07
				Code of construction and quality acceptance of industrial cleanroom GB 51110-2015 appendix C.11		2022-11-07
		7	Static pressure difference	Code for construction and acceptance of cleanroom GB50591-2010 appendix E.2		2022-11-07
				code for design of clean room GB50073-2013 appendix A.3.5		2022-11-07
				Code for design of electronic industry clean room GB 50472-2008 D.3.2		2022-11-07
				Cleanrooms and associated controlled environments-Part 3: Test methods GB/T 25915.3-2010 appendix B.5		2022-11-07
				Standard for design of pharmaceutical industry clean room GB 50457-2019 3.2.5		2022-11-07
				Code of construction and quality acceptance of industrial cleanroom GB 51110-2015 appendix C.2		2022-11-07
		8	Ventilation frequency, wind speed and air volume	Code for construction and acceptance of cleanroom GB50591-2010 appendix E.1		2022-11-07
				Standard for design of pharmaceutical industry clean room GB 50457-2019 9.3		2022-11-07
				code for design of clean room GB50073-2013 appendix A.3.1		2022-11-07



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				Code for design of electronic industry clean room GB 50472-2008 D.3.1		2022-11-07		
				Cleanrooms and associated controlled environments-Part 3: Test methods GB/T 25915.3-2010 appendix B.4		2022-11-07		
				Code of construction and quality acceptance of industrial cleanroom GB 51110-2015 appendix C.2		2022-11-07		
		9	leak hunting			Code for construction and acceptance of cleanroom GB50591-2010 appendix D.2、 E.3		2022-11-07
						code for design of clean room GB50073-2013 appendix A.3.5		2022-11-07
						Code for design of electronic industry clean room GB 50472-2008 D.3.3		2022-11-07
						Cleanrooms and associated controlled environments-Part 3: Test methods GB/T 25915.3-2010 appendix B.6		2022-11-07
						Code of construction and quality acceptance of industrial cleanroom GB 51110-2015 appendix C.4		2022-11-07
						Code for construction and acceptance of cleanroom GB50591-2010 appendix E.12		2022-11-07
		10	air pattern			code for design of clean room GB50073-2013 appendix A.2.4		2022-11-07
						Code for design of electronic industry clean room GB 50472-2008 D.3.5		2022-11-07
						Cleanrooms and associated controlled environments-Part 3: Test methods GB/T 25915.3-2010 appendix B.7		2022-11-07
						Standard for design of pharmaceutical industry clean room GB 50457-2019 9.3		2022-11-07
						Code of construction and quality acceptance of industrial cleanroom GB 51110-2015 appendix C.5		2022-11-07
		5		1	noise	Class II biological safety cabinets YY 0569-2011 6.3.3		2022-11-07



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		2	illuminance	Class II biological safety cabinets YY 0569-2011 6.3.4		2022-11-07
		3	downflow air flow	Class II biological safety cabinets YY 0569-2011 6.3.7		2022-11-07
		4	inflow air flow	Class II biological safety cabinets YY 0569-2011 6.3.8		2022-11-07
		5	temperature	YY 0569-2011 6.3.12		2022-11-07
		6	irradiance	Class II biological safety cabinets YY 0569-2011 6.3.14		2022-11-07
		7	High efficiency filter leak detection	Class II biological safety cabinets YY 0569-2011 6.3.2		2022-11-07
		8	Airflow smoke mode test	Class II biological safety cabinets YY 0569-2011 6.3.9		2022-11-07
		9	Leakage of liquid collecting tank	Class II biological safety cabinets YY 0569-2011 6.3.10		2022-11-07
6	Fume hood	1	Surface wind speed	Fume hood JB/T 6412-1999 7.2.3		2022-11-07
Thermology Testing Equipments						
1	Hot Wire Testing Device	1	Temperature	Fire hazard testing for electric and electronic products-part 10, Glow/hot-wire based test methods--Glow-wire apparatus and common test procedure GB/T 5169.10-2017 5.2,7		2022-11-07
		2	size	Fire hazard testing for electric and electronic products-part 10, Glow/hot-wire based test methods--Glow-wire apparatus and common test procedure GB/T 5169.10-2017 5.1		2022-11-07
2	heat treatment furnace	1	Temperature uniformity	Testing method for working zone of heat treatment furnace GB/T9452-2012 7		2022-11-07
		2	System Accuracy Tests	Testing method for working zone of heat treatment furnace AMS 2750F 3.4		2022-11-07



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		3	Furnace Temperature Uniformity Surveys	Testing method for working zone of heat treatment furnace AMS 2750F 3.5		2022-11-07
		4	Temperature	Specification for Wellhead and Tree Equipment API 6A Appendix M		2022-11-07
				Standard Test Method for Calibration of Thermocouples by Comparison Techniques ASTM E220 11		2022-11-07
3	Low temperature test chambers	1	Temperature	Specifications for low temperature test chambers GB/T 10589-2008 6.3,6.4		2022-11-07
		2	Increasing and Decreasing Temperature Rate	Specifications for low temperature test chambers GB/T 10589-2008 6.5		2022-11-07
		3	Wind speed	Specifications for low temperature test chambers GB/T 10589-2008 6.6		2022-11-07
4	High temperature test chambers	1	Temperature	Specifications for high temperature test chambers GB/T 11158-2008 6.3,6.4		2022-11-07
		2	Increasing and Decreasing Temperature Rate	Specifications for high temperature test chambers GB/T 11158-2008 6.5		2022-11-07
		3	Wind speed	Specifications for high temperature test chambers GB/T 11158-2008 6.6		2022-11-07
5	low /high temperature test chambers	1	Temperature	Specifications for low /high temperature test chambers GB/T 10592-2008 6.3,6.4		2022-11-07
		2	Increasing and Decreasing Temperature Rate	Specifications for low /high temperature test chambers GB/T 10592-2008 6.5		2022-11-07
		3	Wind speed	Specifications for low /high temperature test chambers GB/T 10592-2008 6.6		2022-11-07
6	Medical carbon dioxide incubator	1	temperature	Medical carbon dioxide incubator YY 1621-2018 5.2		2022-11-07



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		2	carbon dioxide concentration	Medical carbon dioxide incubator YY 1621-2018 5.3		2022-11-07
		3	humidity	Medical carbon dioxide incubator YY 1621-2018 5.4		2022-11-07
7	shaking incubator	1	temperature	shaking incubator JB/T 12922-2016 6.1		2022-11-07
		2	speed	shaking incubator JB/T 12922-2016 6.2.2		2022-11-07
		3	amplitude	shaking incubator JB/T 12922-2016 6.2.3		2022-11-07
		4	noise	shaking incubator JB/T 12922-2016 6.3		2022-11-07
8	Damp heat testing equipments	1	Temperature gradient	Specifications for damp heat testing chambers GB/T 10586-2006 6.4		2022-11-07
		2	Temperature fluctuation	Specifications for damp heat testing chambers GB/T 10586-2006 6.4		2022-11-07
		3	Temperature deviation	Specifications for damp heat testing chambers GB/T 10586-2006 6.4		2022-11-07
		4	Relative humidity deviation	Specifications for damp heat testing chambers GB/T 10586-2006 6.4		2022-11-07
		5	Characteristic of temperature rise and fall	Specifications for damp heat testing chambers GB/T 10586-2006 6.4		2022-11-07
		6	Wind speed	Specifications for damp heat testing chambers GB/T 10586-2006 6.5		2022-11-07
		7	Noise	Specifications for damp heat testing chambers GB/T 10586-2006 6.6		2022-11-07
9	Salt spray test chamber	1	Temperature deviation	Inspection methods for environmental testing equipments-part 8 Salt mist testing equipments GB/T 5170.8-2017 8.1		2022-11-07
		2	Temperature fluctuation	Inspection methods for environmental testing equipments-part 8 Salt mist testing equipments GB/T 5170.8-2017 8.1,8.2		2022-11-07



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		3	Temperature uniformity	Inspection methods for environmental testing equipments-part 8 Salt mist testing equipments GB/T 5170.8-2017 8.1, 8.3		2022-11-07
		4	Salt fog sedimentation rate	Inspection methods for environmental testing equipments-part 8 Salt mist testing equipments GB/T 5170.8-2017 8.7		2022-11-07
		5	Temperature Indicating Error	Inspection methods for environmental testing equipments-part 8 Salt mist testing equipments GB/T 5170.8-2017 8.1,8.4		2022-11-07
		6	Temperature overshoot	Inspection methods for environmental testing equipments-part 8 Salt mist testing equipments GB/T 5170.8-2017 8.5		2022-11-07
		7	Temperature overshoot recovery time	Inspection methods for environmental testing equipments-part 8 Salt mist testing equipments GB/T 5170.8-2017 8.6		2022-11-07
		8	Noise	Inspection methods for environmental testing equipments-part 8 Salt mist testing equipments GB/T 5170.8-2017 8.8		2022-11-07
10	Damp heat testing equipments(Environmental Test Equipment for Electrical and Electronic Products)	1	Temperature Deviation	Inspection methods for environmental testing equipmentsor electric and electronic products-Part 5 :Damp heat testing equipments GB/T5170.5-2016 8.1		2022-11-07
		2	Relative humidity deviation	Inspection methods for environmental testing equipmentsor electric and electronic products-Part 5 :Damp heat testing equipments GB/T5170.5-2016 8.1		2022-11-07
		3	Temperature uniformity	Inspection methods for environmental testing equipmentsor electric and electronic products-Part 5 :Damp heat testing equipments GB/T5170.5-2016 8.1,8.4		2022-11-07
		4	Relative humidity uniformity	Inspection methods for environmental testing equipmentsor electric and electronic products-Part 5 :Damp heat testing equipments GB/T5170.5-2016 8.1,8.5		2022-11-07
		5	Temperature fluctuation	Inspection methods for environmental testing equipmentsor electric and electronic products-Part 5 :Damp heat testing equipments GB/T5170.5-2016 8.1,8.2		2022-11-07
		6	Relative humidity fluctuation	Inspection methods for environmental testing equipmentsor electric and electronic products-Part 5 :Damp heat testing		2022-11-07



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
				equipments GB/T5170.5-2016 8.1, 8.3		
		7	Wind speed	Inspection methods for environmental testing equipments or electric and electronic products-Part 5 :Damp heat testing equipments GB/T5170.5-2016 8.11		2022-11-07
		8	Temperature indication error	Inspection methods for environmental testing equipments or electric and electronic products-Part 5 :Damp heat testing equipments GB/T5170.5-2016 8.1,8.6		2022-11-07
		9	Relative humidity indication error	Inspection methods for environmental testing equipments or electric and electronic products-Part 5 :Damp heat testing equipments GB/T5170.5-2016 8.1,8.7		2022-11-07
		10	Alternating hygrothermal characteristics	Inspection methods for environmental testing equipments or electric and electronic products-Part 5 :Damp heat testing equipments GB/T5170.5-2016 8.1, 8.8		2022-11-07
		11	Temperature overshoot	Inspection methods for environmental testing equipments or electric and electronic products-Part 5 :Damp heat testing equipments GB/T5170.5-2016 8.9		2022-11-07
		12	Relative humidity overshoot	Inspection methods for environmental testing equipments or electric and electronic products-Part 5:Damp heat testing equipments GB/T5170.5-2016 8.9		2022-11-07
		13	Temperature overshoot recovery time	Inspection methods for environmental testing equipments or electric and electronic products-Part 5:Damp heat testing equipments GB/T5170.5-2016 8.10		2022-11-07
		14	Relative humidity overshoot recovery time	Inspection methods for environmental testing equipments or electric and electronic products-Part 5:Damp heat testing equipments GB/T5170.5-2016 8.10		2022-11-07
		15	Noise	Inspection methods for environmental testing equipments or electric and electronic products-Part 5:Damp heat testing equipments GB/T5170.5-2016 8.12		2022-11-07



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
11	Temperature test equipment(Env ironmental Test Equipment for Electrical and Electronic Products)	1	Temperature deviation	Inspection methods for environmental testing equipments-Part 2:Temperature testing equipments GB/T5170.2-2017 8.1		2022-11-07
		2	Temperature fluctuation	Inspection methods for environmental testing equipments-Part 2:Temperature testing equipments GB/T5170.2-2017 8.1,8.2		2022-11-07
		3	Temperature uniformity	Inspection methods for environmental testing equipments-Part 2:Temperature testing equipments GB/T5170.2-2017 8.1, 8.3		2022-11-07
		4	Temperature Indicating Error	Inspection methods for environmental testing equipments-Part 2:Temperature testing equipments GB/T5170.2-2017 8.1,8.4		2022-11-07
		5	Wind speed	Inspection methods for environmental testing equipments-Part 2:Temperature testing equipments GB/T5170.2-2017 8.10		2022-11-07
		6	Temperature change rate	Inspection methods for environmental testing equipments-Part 2:Temperature testing equipments GB/T5170.2-2017 8.5		2022-11-07
		7	Average temperature change rate every 5minutes	Inspection methods for environmental testing equipments-Part 2:Temperature testing equipments GB/T5170.2-2017 8.6		2022-11-07
		8	Temperature recovery time	Inspection methods for environmental testing equipments-Part 2:Temperature testing equipments GB/T5170.2-2017 8.7		2022-11-07
		9	Temperature overshoot	Inspection methods for environmental testing equipments-Part 2:Temperature testing equipments GB/T5170.2-2017 8.8		2022-11-07
		10	Temperature overshoot recovery time	Inspection methods for environmental testing equipments-Part 2:Temperature testing equipments GB/T5170.2-2017 8.9		2022-11-07
		11	Noise	Inspection methods for environmental testing equipments-Part 2:Temperature testing equipments GB/T5170.2-2017 8.11		2022-11-07
12	Drying box	1	temperature	Electric gravity convection and forced ventilation ovens GB/T 30435-2013 4.2,4.3,4.4,4.5,4.6,4.7		2022-11-07
13	Heat treatment furnace for aviation	1	Temperature	Testing method for working zone of heat treatment furnace for aviation HB 5425 7,8		2022-11-07



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Chemical analysis						
1	water for analytical laboratory use	1	pH	Water for analytical laboratory use - Specification and test methods GB/T6682-2008 7.1		2022-11-07
		2	conductivity	Water for analytical laboratory use - Specification and test methods GB/T6682-2008 7.2		2022-11-07
2	aluminum and aluminum alloys	1	Si, Fe, Cu, Mn, Mg, Ni, Ti, Cr, Zn, Pb, Sn, V, Ga	Optical emission spectrometric analysis method of aluminum and aluminum alloys GB/T 7999-2015 7		2022-11-07
3	Carbon steel and low and medium alloy steel	1	C, Si, Mn, P, S, Cr, Ni, Mo, V, Al, Cu, Co, W, Ti, As, B, Sn	Carbon and low alloy steels-Determination of multi-element contents-Spark discharge atomic emission spectrometric method (routine method) GB/T 4336-2016 9		2022-11-07
4	Stainless steel	1	C, Si, Mn, P, S, Cr, Ni, Mo, V, Al, Cu, Co, W, Ti, Nb	Stainless steel-Determination of multi-element contents-Spark discharge atomic emission spectrometric method (Routine method) GB/T 11170-2008 8		2022-11-07
5	Copper and copper alloy	1	Pb, Fe, Bi, Sb, As, Sn, Ni, Zn, P, Mn, Si, Al, Ag, Mg	Methods for analysis of copper and copper alloys-The atomic emission spectrometry YS/T 482-2005 8		2022-11-07
6	Brass	1	Pb, Fe, Bi, Sb, As, Sn, Ni, Zn, P, Mn, Al	Method for analysis of brass-Spark discharge atomic emission spectrometric SN/T 2083-2008 6		2022-11-07
Electric						
1	Auxiliary insulated boots	1	Power-frequency withstand voltage test	Preventive test code of electric safety tools and devices DL/T1476-2015 6.3.2	Only test Power frequency voltage tolerance value less than 50kV	2022-11-07



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		№	Item/ Parameter			
2	Insulating rod	1	Power-frequency withstand voltage test	Preventive test code of electric safety tools and devices DL/T1476-2015 6.2.1	Only test Power frequency voltage tolerance value less than 50kV	2022-11-07
3	Live working-gloves of Insulating material	1	AC withstand voltage test	Live working-gloves of insulating material GB/T 17622-2008 6.4.2		2022-11-07
4	Auxiliary insulating rubber pads	1	Power-frequency withstand voltage test	Preventive test code of electric safety tools and devices DL/T1476-2015 6.3.3	Only test Power frequency voltage tolerance value less than 50kV	2022-11-07
5	Capacitive type voltage detectors	1	starting voltage test	Preventive test code of electric safety tools and devices DL/T1476-2015 6.2.3		2022-11-07
		2	Power-frequency withstand voltage test	Preventive test code of electric safety tools and devices DL/T1476-2015 6.2.3	Only test Power frequency voltage tolerance value less than 50kV	2022-11-07
6	Shielding room	1	Shielding effectiveness	Method for measuring the shielding effectiveness of electromagnetic shielding enclosures GB/T 12190-2021 5		2022-11-07
7	Portable short-	1	starting	Preventive test procedure for electrical safety tools DL/T 1476-		2022-11-07

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	circuit ground wire		voltageGroup DC resistance test of ground wire	2015 6.2.2		
		2	Power frequency withstand voltage test of grounding insulation rod	Preventive test procedure for electrical safety tools DL/T 1476-2015 6.2.2	Only test frequency voltage tolerance value less than 50kV	2022-11-07
8	Ion fan	1	Electrostatic decay time	General specification for ionization electrostatic eliminato SJ/T 11446-2013 Appendix A A.5.2.1		2022-11-07
		2	Neutralization voltage	General specification for ionization electrostatic eliminators SJ/T 11446-2013 Appendix A A.5.2.1		2022-11-07



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