



中国合格评定国家认可委员会 实验室认可证书

(注册号: CNAS L7895)

兹证明:

上海乐来汽车分析测试有限公司

(法人: 上海乐来汽车分析测试有限公司)

上海市浦东新区康桥工业区康桥东路 1365 弄, 201319

符合 ISO/IEC 17025: 2017 《检测和校准实验室能力的通用要求》
(CNAS-CL01 《检测和校准实验室能力认可准则》) 的要求, 具备承担本
证书附件所列服务能力, 予以认可。

获认可的能力范围见标有相同认可注册号的证书附件, 证书附件是
本证书组成部分。

生效日期: 2020-10-14

截止日期: 2024-08-16



中国合格评定国家认可委员会授权人

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China National Accreditation Service for Conformity Assessment
LABORATORY ACCREDITATION CERTIFICATE
(Registration No. CNAS L7895)

Reliable Analysis(Shanghai), INC.

(Legal Entity: Reliable Analysis(Shanghai), INC.)

Lane1365, Kangqiao East Road, Pudong New District, Shanghai, China

is accredited in accordance with ISO/IEC 17025: 2017 General Requirements for the Competence of Testing and Calibration Laboratories(CNAS-CL01 Accreditation Criteria for the Competence of Testing and Calibration Laboratories) for the competence to undertake the service described in the schedule attached to this certificate.

The scope of accreditation is detailed in the attached schedule bearing the same registration number as above. The schedule forms an integral part of this certificate.

Effective Date: 2020-10-14

Expiry Date: 2024-08-16

Signed on behalf of China National Accreditation Service for Conformity Assessment

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The validity of the certificate can be checked on CNAS website at <http://www.cnas.org.cn/english/findanaccreditedbody/index.shtml>.

Name: Reliable Analysis(Shanghai), INC.

Address: Lane1365, Kangqiao East Road, Pudong New District, Shanghai, China

Registration No. CNAS L7895

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

Effective Date: 2020-10-14 Expiry Date: 2024-08-16

SCHEDULE 3 ACCREDITED TESTING SCOPE

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
Motor vehicles						
Interior and Exterior Components in Vehicle						
1	Interior and Exterior Components in Vehicle	1	Volatile organic compounds(Benzene, Toluene, Ethylbenzene, Xylene, Styrene, TVOC, Formaldehyde, Acetaldehyde, Acrolein, Acetone)	Interior air of road vehicles — Part 4: Method for the determination of the emissions of volatile organic compounds from vehicle interior parts and materials — Small chamber method ISO 12219-4:2013 All item		2020-10-14
				Emission Behavior of Parts, Components, and Semi-Finished Products for the Vehicle Interior PV3942:2016		2020-10-14
				Determination of volatile organic substances from interior components/systems using a 1m ³ emission chamber VCS1027,2769:2007 All item		2020-10-14
		2	Pb,Cd	Determination of certain substances in electrotechnical products. Part 5:Cadmium,lead and chromium in polymers and electronics and cadmium and lead in metals by AAS,AFS,ICP-OES and ICP-MS IEC 62321-5:2013 All item IEC 62321-5:2013	IAccredited only for ICP-OES method	2020-10-14



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		3	Hg	Test methods of lead and cadmium in automobiles materials QC/T 943:2013 3、5	Accredited only for ICP-OES method	2020-10-14
				Determination of certain substances in electrotechnical products-Part 4:Mercury in polymers,metals and electronics by CV-AAS,CV-AFS,ICP-OES et ICP-MS IEC 62321-4:2017	Accredited only for ICP-OES method	2020-10-14
				Test methods of mercury in automobiles materials QC/T 941:2013	ACCredited only for ICP-OES method	2020-10-14
		4	Hexavalent chromium	Determination of certain substances in electrotechnical products-Part 7-1:Presence of hexavalent chromium(Cr(VI))in colourless and coloured corrosion-protected coatings on metals by the colorimetric method IEC 62321-7-1:2015 All item		2020-10-14
				Determination of certain substances in electrotechnical products -Part 7-2:Hexavalent chromium-Determination of hexavalent chromium(Cr(VI)) in polymers and electronics by the colorimetric method IEC 62321-7-2:2017 All item		2020-10-14
				Test methods of hexavalent chromium in automobiles materials QC/T 942:2013 All item		2020-10-14
5	Lead,mercury,cadmium,total chromium and total bromine	Determination of certain substances in electrotechnical products-Part 3-1:Screening-Lead,mercury,cadmium,total chromium and total bromine by X-ray fluorescence IEC 62321-3-1:2013 All item		2020-10-14		
6	Polybrominated biphenyls, Polybrominated	Determination of certain substances in electrotechnical products -Part 6: Ploybrominated biphenyls and polybrominated diphenyl ethers in polymers by gas chromatography-mass spectrometry(GC-MS) IEC 62321-6:2015 IEC 62321-6:2015 All		2020-10-14		



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		№	Item/ Parameter				
			diphenyl ethers	item			
				The methods of polybrominated biphenyls and polybrominated diphenyl ethers in automotive materials QC/T 944:2013 All item		2020-10-14	
		7	Asbestos		Determination of asbestos in products GB/T 23263-2009		2020-10-14
					Air quality - Bulk materials - Part 1: Sampling and qualitative determination of asbestos in commercial bulk materials ISO 22262-1:2012		2020-10-14
					Testing method of asbestos fiber in automobile products QJLY J7110808B-2016		2020-10-14
		8	Xenon test		Light exposure-Accelerated ageing of exterior material VCS 1027,3379:2001		2020-10-14
					Colour fastness to artificial light at 75 °C Accelerated ageing of interior materials VCS 1027,359:2005		2020-10-14
					Quick test; UV/moisture for leather (VOLVO) 85000140-2007		2020-10-14
					Accelerated light exposure of exterior coatings VCS 1027,339-2017		2020-10-14
					Colour fastness to artificial light at 100 °C STD 1026,8242-2009		2020-10-14
					Standard Practice for Xenon Arc Exposure Test with Enhanced Light and Water Exposure for Transportation Coatings ASTM D7869-17		2020-10-14
					Accelerated Exposure of Automotive Interior Trim Components Using a Controlled Irradiance Xenon-Arc Apparatus SAE J2412:2015		2020-10-14
		Performance Based Standard for Accelerated Exposure of Automotive Exterior Materials Using A Controlled Irradiance Xenon-Arc Apparatus SAE J2527:2017		2020-10-14			



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				Plastics-Methods of exposure to laboratory light sources -Part 2: Xenon-arc sources GB/T16422.2-2014		2020-10-14
		9	Flammability	Flammability of interior materials VCS 5031,19:2018		2020-10-14
				Road vehicles, and tractors and machinery for agriculture and forestry-Determination of burning behaviour of interior materials ISO 3795:1989		2020-10-14
				Flammability of automotive interior materials GB8410-2006		2020-10-14
				Test Method for Determining the Flammability of Interior Trim Materials GMW3232-2016		2020-10-14
				Flammability of interior materials FMVSS 302:2017		2020-10-14
		10	Humidity	Procedures for High Humidity Test GMW14729-2015		2020-10-14
				Resistance to Humidity - General TPJLR.52.351:2011		2020-10-14
				Moisture resistance in tropical cabinet VCS 1027,33759:2010		2020-10-14
				Condensing Water Vapor Test FLTM BI 104-02:2001	Accredited only for Method A	2020-10-14
				Paints and varnishes-Determination of resistance to humidity ISO 6270-2:2017		2020-10-14
		11	Heat	Resistance to Heat Ageing - General TPJLR.52.352:2011		2020-10-14
		12	Environmental Cycling	Accelerated Environmental Cycling TPJLR.52.353:2011		2020-10-14
				Environmental Cycling QC/T 15:1992 5.1	Except for radiant heat	2020-10-14



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date	
		№	Item/ Parameter				
		13	Colour Matching	Colour Matching with Artificial Light Test TPJLR.52.206:2009	Accredited only for Method A	2020-10-14	
				Assessment of colour in light booth VCS1026,51729-2010		2020-10-14	
		14	Bend test	Bend test, cylindrical mandrel VCS 1024,25239-2009		2020-10-14	
		15	Gloss	Gloss VCS 1026,52729-2005		2020-10-14	
		16	Chemical resistance	Chemical resistance VCS 1026,81779-2018		2020-10-14	
		17	Adheison		Adhesion, cross-cut test VCS 1029,54729:2017		2020-10-14
					Adhesion, scrape test VCS 1029,54739:2005		2020-10-14
					Tape Adhesion Test for Paint Finishes GMW14829-2017		2020-10-14
					Paints and varnishes -Cross-cut test ISO 2409:2013		2020-10-14
					Coating adhesion test FLTM BI 106-01:2017		2020-10-14
					Adhesion, water spraying under high-pressure VCS 1029.54719:2006		2020-10-14
					Water Jet Tests GMW16745-2017		2020-10-14
					RESISTANCE OF PAINTED PLASTIC PARTS TO HIGH PRESSURE CLEANING OPERATIONS FLTM BO 160-04:2017		2020-10-14
			Paint Adhesion test GB/T9286-1998		2020-10-14		
		18	Stone resistance	Stone chip resistance VCS 1024,7136:2009		2020-10-14	



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
				Stone Impact Resistance of Coatings GMW14700-2017	Accredited only for Method B & C	2020-10-14
				Test for Chip Resistance of Surface Coatings SAE J400:2012		2020-10-14
				Paints and varnishes - Determination of stone-chip resistance of coatings - Part 1: Multi-impact testing DIN EN ISO 20567-1:2017		2020-10-14
				HIGH PERFORMANCE STONE CHIP RESISTANCE FLTM BI 157-06:2001		2020-10-14
				High Performance Stone Chip Resistance Test TPJLR.52.599:2009		2020-10-14
		19	DOI	Paint surface texture VCS 1026,52749:2009		2020-10-14
		20	Hardness	Paint and varnishes-Determination of film hardness by pencil test GB/T6739-2006		2020-10-14
				Determination of Relative Paint Film Hardness by Pencil Test TPJLR.52.565:2016		2020-10-14
		21	Thickness	Metallic and oxide coatings - Microscopical method GB/T6462-2005		2020-10-14
				Standard Test Method for Measurement of Metal and Oxide Coating Thickness by Microscopical Examination of Cross Section ASTM B487-13		2020-10-14
				Metallic coatings— Coulometric method by anodic dissolution GB/T4955-2005		2020-10-14
				Paints and varnishes — Determination of film thickness ISO2808:2019	Accredited only for Method 6A,4A,7C, 7D	2020-10-14

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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		22	Scratch	Scratch Resistance of Organic Coatings and Self-adhesive Films GMW14698-2016		2020-10-14
				Resistance to Scratch and Mar FLTM BO 162-01:2009		2020-10-14
				Resistance to Scratch TPJLR.52.004:2009		2020-10-14
				Scratch and Mar Resistance GMW14688-2017		2020-10-14
		23	Thermal Shock	Thermal Shock Test for Paint Adhesion GMW15919-2014		2020-10-14
				Thermal Shock Test for Adhesion FLTM BI 107-05:2009		2020-10-14
		24	Discontinuous	Standard Specification for Decorative Electroplated Coatings of Copper Plus Nickel Plus Chromium on Plastics ASTM B604-1991R2019		2020-10-14
25	STEP Test	STEP Test ASTM B764-14		2020-10-14		
2	Interior and Exterior Components in Vehicle	1	Phthalate(DEHP,BB P,DBP)	《Determination of certain phthalate esters in toys and children's products》 GB/T 22048:2015	The specified user	2020-10-14
		2	PAHs	《Testing and assessment of polycyclic aromatic hydrocarbons(PAHs) in the course of awarding the GS mark》 AfPS GS:2014		2020-10-14
				《Determination of polycyclic aromatic hydrocarbons in plastic and plastic article》 SN/T 1877:-2007	Accredited only for GC-MS method	2020-10-14
				《Determination of polycyclic aromatic hydrocarbons in rubber and rubber product》 SN/T 1877.4:2007	Accredited only for GC-MS method	2020-10-14



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
3	Interior and Exterior Components in Vehicle	1	Formaldehyde	Determination of Formaldehyde from Vehicle Interior with Modified Flask Method VDA 275:1994		2020-10-14
				Polymer Materials Measuring Emissions of Formaldehyde PV 3925:2009		2020-10-14
				Determination of the Release of Formaldehyde from Molded Parts for the Vehicle Interior GMW14236:2011		2020-10-14
				Determination of formaldehyde emission from components in vehicle interiors VCS 1027,2739:2004		2020-10-14
				Emission of formaldehyde SMTC 5 400 011:2011		2020-10-14
		2	Emission of organic compounds	Determination of Organic Emission of Non-metallic materials from vehicles Interior VDA 277:1995		2020-10-14
				Non-Metallic materials in automotive interior trim determination of emission of organic compounds PV 3341:1995		2020-10-14
				Test method of TVOC of vehicle trim parts and materials SMTC 5 400 009:2017		2020-10-14
				Determination of organic emissions from non metallic materials in vehicle interiors VCS 1027,2749:2004		2020-10-14
				Quantification of specific volatile organic substances from non-metallic materials in vehicle interiors VCS 1027,2759:2006		2020-10-14
				Test method of TVOC of vehicle trim parts and materials TS-INT-002:2009		2020-10-14
		3	VOC	Thermodesorption Analysis of Organic Emissions for the Characterization of Non-metallic Automobile Interior Materials VDA 278:2011		2020-10-14
				Determination of Volatile and Semi-Volatile Organic Compounds from Vehicle Interior Materials GMW15634:2014		2020-10-14
		4	Fogging	Determination of the Fogging Characteristics of Interior Automotive Materials SAE J1756:2006		2020-10-14



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date	
		№	Item/ Parameter				
				Non-metallic Materials for Interior Trim--Determining Condensable Constituents PV 3015:1994		2020-10-14	
				Fogging Characteristics of Trim Materials GMW3235:2016		2020-10-14	
				Determination of the Fogging Characteristics of Interior in the Interior of automobiles DIN 75201:2011		2020-10-14	
				Non-metallic interior trim material for automobiles-Fogging test CVTC 54004:2010	Accredited only for method B and method C	2020-10-14	
				Fogging VCS 1027,2719:2004		2020-10-14	
				Test method for evaluating fogging characteristics of vehicle trim parts and materials SMTC 5 400 010:2015		2020-10-14	
		5	VOC		Determination of Volatile Organic Compounds from Vehicle Interior Parts—Tedlar Bag Method TS-BD-003:2012		2020-10-14
					Determination of Volatile Organic Compounds from Vehicle Interior Parts-Tedlar Bag Method SMTC 5 400 018(V2):2015		2020-10-14
		6	Aldehyde		Determination of Aldehyde and Ketone Emissions from Interior Materials GMW15635:2017		2020-10-14
					Test method for evaluating the release of aldehyde and ketone of vehicle trim materials using HPLC CVTC 54002:2015		2020-10-14
		7	Volatile organic compounds		Interior air of road vehicles-Part 2:Screening method for the determination of the emissions of volatile organic compounds from vehicle interior parts and materials-Bag method ISO 12219-2:2012		2020-10-14
					Sampling and Test Method of Volatile Organic Compounds and Carbonyl Compounds of Parts in Vehicles BT/SGMWJ 0835:2013		2020-10-14



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
				Test method for volatile organic compounds and carbonyl compounds of vehicle interior parts CVTC 54072:2015		2020-10-14
				Interior air of road vehicles-Part3:Screening method for the determination of the emissions of volatile organic compoundsfrom vehicl einterior parts and materials-Micro-scale chamber method ISO 12219-3:2012		2020-10-14
				Determination of VOC and Carbonyl Emissions for interior Trim Materials TPJLR.52.104:2016		2020-10-14
				Non-metallic interior trim material for automobiles-measurement of the total volatile organic compounds (TVOC) content CVTC 54001:2015		2020-10-14
Metal assemblies and components						
1	Automotive metal assemblies and components	1	Cupping	Extensibility VCS 1024,11419:2013		2020-10-14
		2	Salt Spary	Corrosion tests in artificialatmospheres — Salt spray tests GB/T10125-2012	Except for ASS	2020-10-14
				Corrosion tests in artificialatmospheres — Salt spray tests ISO 9227:2017	Except for ASS	2020-10-14
		3	Corrosion	Accelerated corrosion test, version II – ACT II VCS1027,1449:2014		2020-10-14
				Global Laboratory Accelerated Cyclic Corrosion Test CETP:00.00-L-467:2009		2020-10-14
				Corrosion mud test CORMUD-2011		2020-10-14
				Corrosion test of painted light-metal wheels CORWHEEL- ID 000078/5-2016		2020-10-14
				Accelerated corrosion test off wheel bolt/nut (VOLVO) 7734COR-2012		2020-10-14
				Cyclic Corrosion Laboratory Test GMW14872-2013		2020-10-14



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Plastic						
1	Plastic	1	Puncture impact behaviour of rigid plastics	Plastics-Determination of puncture impact behaviour of rigid plastics-Part2:Instrumented impact testing ISO 6603-2:2000		2020-10-14
				High Speed Puncture Properties of Plastics Using Load and Displacement Sensors ASTM D3763-18		2020-10-14
		2	Differential scanning calorimetry (DSC)	Differential scanning calorimetry (DSC) Part 1: General principles ISO 11357-1:2016		2020-10-14
				Differential scanning calorimetry (DSC) Part 1: General principles GB/T19466.1-2004		2020-10-14
				Differential scanning calorimetry (DSC) Part 2:Determination of glass transition temperature ISO 11357-2:2020		2020-10-14
				Differential scanning calorimetry (DSC) Part 2:Determination of glass transition temperature GB/T19466.2-2004		2020-10-14
				Differential scanning calorimetry (DSC)Part 3: Determination of temperature and enthalpy of melting and crystallization ISO 11357-3:2018		2020-10-14
				Differential scanning calorimetry (DSC)Part 3: Determination of temperature and enthalpy of melting and crystallization GB/T19466.3-2004		2020-10-14
		3	Determination of coefficient of linear thermalexpansion and glass transition temperature	Determination of coefficient of linear thermalexpansion and glass transition temperature ISO 11359-2:1999		2020-10-14
		4	Plastics — Thermogravimetry (TG) of polymers	Plastics-Thermogravimetry (TG) of polymers-Part 1: General principles ISO 11358-1:2014		2020-10-14
Plastics-Thermogravimetry (TG) of polymers-Part 2: Determination of activation energy ISO 11358-2:2014				2020-10-14		



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		5	Tensile stress at yield, tensile stress at break, tensile strength	Plastics-Determination of tensile properties-Part 1:General principles ISO 527-1:2019		2020-10-14
				Plastics-Determination of tensile properties-Part2: Test conditions for moulding and extrusion plastics ISO 527-2:2012		2020-10-14
				Standard Test Method for Tensile Properties of Plastics ASTM D638-14		2020-10-14
		6	Flexural properties	Plastics-Determination of Flexural properties GB/T9341-2008		2020-10-14
				Plastics-Determination of Flexural properties ISO 178:2019		2020-10-14
				Standard Test Methods for Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials ASTM D790-17		2020-10-14
		7	Charpy impact properties	Plastics-Determination of Charpy impact properties ISO 179-1:2010		2020-10-14
				Plastics-Determination of Charpy impact properties Part 1: Non-instrumented impact test GB/T1043.1-2008		2020-10-14
		8	Izod impact properties	Plastics-Determination of izod impact strength ISO 180:2019		2020-10-14
				Plastics-Determination of izod impact strength GB/T1843-2008		2020-10-14
		9	Vicat softening temperature (VST)	Plastics-Thermoplastic materials-Determination of Vicat softening temperature(VST) GB/T1633-2000		2020-10-14
				Plastics-Thermoplastic materials-Determination of Vicat softening temperature(VST) ISO 306:2013		2020-10-14
				Standard Test Method for Vicat Softening Temperature of Plastics ASTM D1525-17		2020-10-14
		10	Shore hardness	Plastics and ebonite-Determination of indentation hardness by means of a durometer(Shore hardness) ISO 868:2003		2020-10-14
Plastics and ebonite-Determination of indentation hardness by				2020-10-14		

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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
				means of a durometer(Shore hardness) GB/T2411-2008		
		11	Heat deflection temperature	Plastics-Determination of temperature of deflection under load-Part 1: General test method GB/T1634.1-2019	Except for Method C	2020-10-14
				Plastics-Determination of temperature of deflection under load-Part 2: Plastics, ebonite and long-fibre-reinforced composites GB/T1634.2-2019	Except for Method C	2020-10-14
				Plastics-Determination of temperature of deflection under load-Part 3: High-strength thermosetting laminates GB/T1634.3-2004	Except for Method C	2020-10-14
				Plastics-Determination of temperature of deflection under load-Part 1: General test method ISO 75-1:2020	Except for Method C	2020-10-14
				Plastics-Determination of temperature of deflection under load ISO 75-2:2013	Except for Method C	2020-10-14
				Plastics-Determination of temperature of deflection under load-Part 3: High-strength thermosetting laminates ISO 75-3:2004	Except for Method C	2020-10-14
				Standard Test Method for Deflection Temperature of Plastics Under Flexural Load in the Edgewise Position ASTM D648-18		2020-10-14
		12	Density	Methods for determining the density of non-cellular plastics-Part 1: Immersion method ISO 1183-1:2019		2020-10-14
				Plastics-Methods for determining the density of non-cellular plastics-Part 1: Immersion method GB/T1033.1-2008		2020-10-14
		13	Ash	Plastics — Determination of ash ISO 3451-1:2019		2020-10-14
				Plastics — Determination of ash GB/T9345.1-2008		2020-10-14
		14	MFR or MVR	Plastics — Determination of the melt flow rate (MFR) and melt volume-flow rate (MVR) of thermoplastics ISO 1133-1:2011	mass-	2020-10-14
				Plastics — Determination of the melt flow rate (MFR) and melt volume-flow rate (MVR) of thermoplastics GB/T3682.1-2018	mass-	2020-10-14



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Rubber						
1	Rubber	1	Resistance to ozone cracking	Rubber, vulcanized or thermoplastic-Resistance to ozone cracking-Part 1: Static and dynamic strain testing ISO 1431-T:2012	Except for Dynamic strain	2020-10-14
				Rubber, vulcanized or thermoplastic — Resistance to ozone cracking —Static strain testing GB/T7762-2014		2020-10-14
2	Rubber	1	Determination of low-temperature brittleness	Rubber, vulcanized or thermoplastic — Determination of low-temperature brittleness ISO 812:2017		2020-10-14
				Rubber, vulcanized or thermoplastic — Determination of low-temperature brittleness GB/T15256-2014		2020-10-14
		2	Tensile stress-strain properties	Rubber, vulcanized or thermoplastic — Determination of tensile stress-strain properties ISO 37:2017	Except for ring test pieces	2020-10-14
				Rubber, vulcanized or thermoplastic — Determination of tensile stress-strain properties GB/T528-2009	Except for ring test pieces	2020-10-14
		3	Tear strength	Rubber, vulcanized or thermoplastic — Determination of tear strength — Part 1: Trouser, angle and crescent test pieces ISO 34-1:2015		2020-10-14
				Rubber, vulcanized or thermoplastic — Determination of tear strength — Trouser, angle and crescent test pieces GB/T529-2008		2020-10-14
Automotive electronic components						
1	Automotive electronic components	1	electronic	Connector Test and Validation Specification GMW3191: 2012	Only for 4.2.3 4.2.4 4.2.5 4.2.7 4.2.18	2020-10-14

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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
					4.2.19 4.2.20 4.4.1 4.4.2 4.4.3 4.4.4 4.4.8	
				General Specification for Electrical/Electronic Components – Environmental/Durability General Requirements, Test Conditions and Tests GMW3172: 2015	Except for 7.2.1 7.2.2 7.3.1 7.3.2 7.3.3 7.3.4 7.4.1 7.4.2 7.6.1 8.3.1 8.4.4	2020-10-14
				General Specification for Electrical/Electronic Components – Environmental/Durability General Requirements, Test Conditions and Tests GMW3172: 2012	Except for 7.2.1 7.2.2 7.3.1 7.3.2 7.3.3 7.3.4 7.4.1 7.4.2 7.6.1 8.3.1 8.4.4	2020-10-14



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
				Road vehicles — Environmental conditions and testing for electrical and electronic equipment — Environmental/Durability General Requirements, Test Conditions and Tests - Part 3: Mechanical loads ISO 16750-3: 2012	Except for 4.4 4.5	2020-10-14
				Road vehicles - Environmental conditions and testing for electrical and electronic equipment - Part 4: Climatic loads ISO 16750-4: 2010	Except for 5.8 5.9	2020-10-14
				Road vehicles - Environmental conditions and testing for electrical and electronic equipment - Part 2: Electrical loads ISO 16750-2: 2012	Except for 4.13	2020-10-14
				General Specification for Electrical/Electronic Components – Environmental/Durability General Requirements, Test Conditions and Tests GMW3172: 2018	Except for 7.2.1 7.2.2 7.3.1 7.3.2 7.3.3 7.3.4 7.4.1 7.4.2 7.6.1 8.3.1 8.4.4	2020-10-14
				Road vehicles — Environmental conditions and testing for electrical and electronic equipment — Part 5: Chemical loads ISO 16750-5: 2010		2020-10-14
				Environmental testing – Part 2-1: Tests – Test A: Cold IEC 60068-2-1: 2007		2020-10-14
				Environmental testing – Part 2-2: Tests – Test B: Dry heat IEC 60068-2-2: 2007		2020-10-14
				Environmental testing – Part 2-78: Tests – Test Cab: Damp heat,		2020-10-14

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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
				steady state IEC 60068-2-78: 2012		
				Basic environmental testing procedures. Part 2 : Tests. Test Ka: Salt mist IEC 60068-2-11: 1981		2020-10-14
				Environmental testing – Part 2-52: Tests – Test Kb: Salt mist, cyclic (sodium chloride solution) IEC 60068-2-52: 2017		2020-10-14
				Environmental testing – Part 2-14: Tests – Test N: Change of temperature IEC 60068-2-14: 2009	Except for NC	2020-10-14
				Environmental testing □ Part 2-38: Tests □ Test Z/AD: Composite temperature/humidity cyclic test EC 60068-2-38: 2009		2020-10-14
				Environmental testing for electric and electronic products.Part 2:Test methods.Tests A:Cold GB/T 2423-01: 2008		2020-10-14
				Environmental testing for electric and electronic products.Part 2:Test methods.Tests B:Dry heat GB/T 2423-02: 2008		2020-10-14
				Environmental testing.Part 2:Testing method.Test Cab: Damp heat, steady state GB/T 2423-03: 2016		2020-10-14
				Environmental testing for electric and electronic products.Part 2:Test method.Test Ka:Salt mist GB/T 2423-17: 2008		2020-10-14
				Environmental testing.Part 2:Test methods.Test Kb:Salt mist,cyclic(sodium chloride solution) GB/T 2423-18: 2012		2020-10-14
				Environmental testing.Part 2:Test methods.Test N:Change of temperature GB/T 2423-22: 2012	Except for NC	2020-10-14
				Environmental testing.Part 2:Test methods.Test Z/AD:Composite temperature/humidity cyclic test GB/T 2423-34: 2012		2020-10-14
				Road vehicles - Airbag components - Part 2: Testing of airbag modules ISO 12097-2: 1996	Except for 5.3, 5.7, 6.2, 6.3	2020-10-14
				Road vehicle.Airbag components.Part 2:Testing of airbag modules GB/T 19949.2: 2005	Except for 5.3, 5.7,	2020-10-14



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
					6.2, 6.3	
				Road vehicles — Degrees of protection (IP code) — Protection of electrical equipment against foreign objects, water and access ISO 20653: 2013		2020-10-14
		2	RadiatedEmission	Vehicles,boats and internal combustion engines - Radio disturbance characteristic - Limits and methods of measurement for the protection of on-board receiver CISPR 25:2016 COR1:2017 6.5 / Annex I : I.4	0.15MHz-2500MHz	2020-10-14
				Vehicles,boats and internal combustion engines - Radio disturbance characteristic - Limits and methods of measurement for the protection of on-board receiver CISPR 25:2016 6.5 / Annex I : I.4	0.15MHz-2500MHz	2020-10-14
				Vehicles, boats and internal combustion engines – Radio disturbance characteristics – Limits and methods of measurement for the protection of on-board receivers GB/T 18655:2010 6.4	Limited to a specific client	2020-10-14
				Vehicles, boats and internal combustion engines – Radio disturbance characteristics – Limits and methods of measurement for the rotection of on-board receivers CISPR 25:2008 6.4	Limited to a specific client	2020-10-14
				Vehicles boats and internal combustion engines-radio disturbance characteristics-limits and methods of measurement for the protection of on-board receivers GB/T 18655: 2018 6.5		2020-10-14
				Electromagnetic compatibility requirements and test methods of drive motor system for electric vehicles GB/T 36282:2018 5.1		2020-10-14
				General test specification of electromagnetic compatibility for electrical / electronic components and subsystems SMTC 3 800 006-2017 7.1.1		2020-10-14
				Electromagnetic compatibility (EMC) performance requirements and test methods for automotive electrical and electronic equipment BAS 582:2019 6.1		2020-10-14



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date		
		№	Item/ Parameter					
				Technical specification of electromagnetic compatibility for E/E components GWT A D05-02: 2018 8.4		2020-10-14		
				Passenger car electrical and electronic components electromagnetic compatibility test requirements Q/FC-CC06-001A: 2015 8		2020-10-14		
				Passenger car electrical / electronic components electromagnetic compatibility specification Q/JLY J7110779D: 2019① 10		2020-10-14		
				electromagnetic compatibility specification CEVT 8888621495: 2018 5.3.3		2020-10-14		
				Specification of Electromagnetic Compatibility Test for Electrical/Electronic Components and Subsystems VS-00.35-L-10008: 2018 4		2020-10-14		
		3	Conducted Emission			Vehicles,boats and internal combustion engines - Radio disturbance characteristic - Limits and methods of measurement for the protection of on-board receiver CISPR 25:2016 CORR1:2017 6.4 / Annex I : I.3	0.15M-245MHz	2020-10-14
						Vehicles,boats and internal combustion engines - Radio disturbance characteristic - Limits and methods of measurement for the protection of on-board receiver CISPR 25:2016 6.4 / Annex I : I.3	0.15M-245MHz	2020-10-14
						Vehicles,boats and internal combustion engines - Radio disturbance characteristic - Limits and methods of measurement for the protection of on-board receiver CISPR 25:2016 COR1:2017 6.3 / Annex I : I.2	0.15M-108MHz	2020-10-14
						Vehicles boats and internal combustion engines-radio disturbance characteristics-limits and methods of measurement for the protection of on-board receivers GB/T 18655: 2018 6.3, 6.4		2020-10-14
						Vehicles,boats and internal combustion engines - Radio disturbance characteristic - Limits and methods of measurement for the protection of on-board receiver CISPR 25:2016 6.3 /	0.15M-108MHz	2020-10-14



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
				Annex I : 1.2		
				Vehicles,boats and internal combustion engines - Radio disturbance characteristic - Limits and methods of measurement for the protection of on-board receiver CISPR 25:2008 6.3	Limited to a specific client	2020-10-14
				Vehicles,boats and internal combustion engines - Radio disturbance characteristic - Limits and methods of measurement for the protection of on-board receiver GB/T 18655-2010 6.2	0.15MHz-108MHz, Limited to a specific client	2020-10-14
				General test specification of electromagnetic compatibility for electrical / electronic components and subsystems SMTC 3 800 006: 2017 7.1.2		2020-10-14
				Passenger car electrical and electronic components electromagnetic compatibility test requirements Q/FC-CC06-001A: 2015 7.1, 7.2		2020-10-14
				EMC SPECIFICATIONS OF ELECTRICAL AND ELECTRONIC COMPONENTS Q/JLY J7110779D: 2019① 7		2020-10-14
				electromagnetic compatibility specification CEVT 8888621495: 2018 5.3.4		2020-10-14
				Electromagnetic compatibility specification for high voltage components of electric drive passenger cars Q/JLY J7110922B: 2016 5		2020-10-14
				Electromagnetic compatibility (EMC) performance requirements and test methods for automotive electrical and electronic equipment BAS 582: 2019 6.3		2020-10-14
				Technical specification of electromagnetic compatibility for E/E components GWT A D05-02: 2018 8.2, 8.3		2020-10-14
				Specification of Electromagnetic Compatibility Test for Electrical/Electronic Components and Subsystems VS-00.35-L-		2020-10-14



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
				10008: 2018 5, 6		
		4	Coupling between HV and LV systems	Vehicles,boats and internal combustion engines - Radio disturbance characteristic - Limits and methods of measurement for the protection of on-board receiver CISPR 25:2016 COR1:2017 Annex I : I.5.2.3	0.15MHz-108MHz	2020-10-14
				Vehicles,boats and internal combustion engines - Radio disturbance characteristic - Limits and methods of measurement for the protection of on-board receiver CISPR 25:2016 Annex I : I.5.2.3	0.15MHz-108MHz	2020-10-14
				Vehicles,boats and internal combustion engines - Radio disturbance characteristic - Limits and methods of measurement for the protection of on-board receiver CISPR 25:2016 COR1:2017 Annex I : I.5.2.4	0.15MHz-245MHz	2020-10-14
				Vehicles,boats and internal combustion engines - Radio disturbance characteristic - Limits and methods of measurement for the protection of on-board receiver CISPR 25:2016 Annex I : I.5.2.4	0.15MHz-245MHz	2020-10-14
				Vehicles,boats and internal combustion engines - Radio disturbance characteristic - Limits and methods of measurement for the protection of on-board receiver CISPR 25:2016 COR1:2017 Annex I : I.5.2.5	0.15MHz-2500MHz	2020-10-14
				Vehicles,boats and internal combustion engines - Radio disturbance characteristic - Limits and methods of measurement for the protection of on-board receiver CISPR 25:2016 Annex I : I.5.2.5	0.15MHz-2500MHz	2020-10-14
				Vehicles,boats and internal combustion engines - Radio disturbance characteristic - Limits and methods of measurement for the protection of on-board receiver CISPR 25:2016 COR1:2017 Annex I : I.5.3	0.3MHz - 1000MHz	2020-10-14



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
				Vehicles,boats and internal combustion engines - Radio disturbance characteristic - Limits and methods of measurement for the protection of on-board receiver CISPR 25:2016 Annex I : I.5.3	0.3MHz - 1000MHz	2020-10-14
				Technical specification of electromagnetic compatibility for E/E components GWT A D05-02: 2018 8.5		2020-10-14
		5	Road vehicles- Electrical disturbances by narrowband radiated electromagnetic energy – component test methods Stripline test	Road vehicles -- Component test methods for electrical disturbances from narrowband radiated electromagnetic energy -- Part 5: Stripline ISO 11452-5-2002	600 V/m (0.1MHz - 1GHz)	2020-10-14
		6	Road vehicles- Electrical disturbances by narrowband radiated electromagnetic energy – component test methods Immunity to magnetic fields test	Road vehicles -- Component test methods for electrical disturbances from narrowband radiated electromagnetic energy -- Part 8: Immunity to magnetic fields ISO 11452-8-2015	Frequency DC - 150kHz (test level IV)	2020-10-14
				General test specification of electromagnetic compatibility for electrical / electronic components and subsystems SMTC 3 800 006: 2017 7.3.3		2020-10-14
				Passenger car electrical and electronic components electromagnetic compatibility test requirements Q/FC-CC06-001A: 2015 11		2020-10-14
				EMC SPECIFICATIONS OF ELECTRICAL AND ELECTRONIC COMPONENTS Q/JLY J7110779D: 2019① 13		2020-10-14
				electromagnetic compatibility specification CEVT 8888621495: 2018 6.2.1		2020-10-14



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
				Technical specification of electromagnetic compatibility for E/E components GWT A D05-02: 2018 9.4		2020-10-14
				Electromagnetic compatibility (EMC) performance requirements and test methods for automotive electrical and electronic equipment BAS 582: 2019 6.7		2020-10-14
				Specification of Electromagnetic Compatibility Test for Electrical/Electronic Components and Subsystems VS-00.35-L-10008: 2018 12		2020-10-14
		7	Road vehicles- Electrical disturbances by narrowband radiated electromagnetic energy – component test methods Portable transmitters test	Road vehicles -- Component test methods for electrical disturbances from narrowband radiated electromagnetic energy -- Part 9: Portable transmitters ISO 11452-9-2012	Frequency 26 MHz - 6 GHz	2020-10-14
				Passenger car electrical and electronic components electromagnetic compatibility test requirements Q/FC-CC06-001A: 2015 10.3		2020-10-14
				EMC SPECIFICATIONS OF ELECTRICAL AND ELECTRONIC COMPONENTS Q/JLY J7110779D: 2019① 16		2020-10-14
				electromagnetic compatibility specification CEVT 8888621495: 2018 6.2.4		2020-10-14
				Electromagnetic compatibility (EMC) performance requirements and test methods for automotive electrical and electronic equipment BAS 582: 2019 6.8		2020-10-14
				Technical specification of electromagnetic compatibility for E/E components GWT A D05-02: 2018 9.3		2020-10-14
				Specification of Electromagnetic Compatibility Test for Electrical/Electronic Components and Subsystems VS-00.35-L-10008: 2018 11		2020-10-14
				vehicles — Electrical disturbances from conduction and	Road vehicles — Electrical disturbances from conduction and coupling — Part 3:Electrical transient transmission by capacitive and inductive coupling via lines other than supply lines GB/T 21437.3-2012	



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
			coupling — Electrical transient transmission by capacitive and inductive coupling via lines other than supply lines	Road vehicles — Electrical disturbances from conduction and coupling — Part 3:Electrical transient transmission by capacitive and inductive coupling via lines other than supply lines ISO 7637-3:2016		2020-10-14
				Road vehicles — Electrical disturbances from conduction and coupling — Part 3:Electrical transient transmission by capacitive and inductive coupling via lines other than supply lines ISO 7637-3:2007		2020-10-14
				General test specification of electromagnetic compatibility for electrical / electronic components and subsystems SMTC 3 800 006: 2017 7.4.1		2020-10-14
				Passenger car electrical and electronic components electromagnetic compatibility test requirements Q/FC-CC06-001A: 2015 12.2		2020-10-14
				EMC SPECIFICATIONS OF ELECTRICAL AND ELECTRONIC COMPONENTS Q/JLY J7110779D: 2019① 12		2020-10-14
				electromagnetic compatibility specification CEVT 8888621495: 2018 7.2.3		2020-10-14
				Electromagnetic compatibility (EMC) performance requirements and test methods for automotive electrical and electronic equipment BAS 582: 2019 6.10		2020-10-14
				Technical specification of electromagnetic compatibility for E/E components GWT A D05-02: 2018 11.3		2020-10-14
				Specification of Electromagnetic Compatibility Test for Electrical/Electronic Components and Subsystems VS-00.35-L-10008: 2018 14		2020-10-14
		9	Road vehicles- Electrical disturbances by narrowband radiated	Limits and methods of testing for immunity of electrical/electronic sub-assemblies in vehicles to electromagnetic radiation GB/T 17619:1998 9.3	Field strength is limitation to 600V/m;	2020-10-14



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
			electromagnetic energy – component test methods ALSE test		Frequency is between 80MHz to 6GHz	
				Road vehicles — Component test methods for electrical disturbances from narrowband radiated electromagnetic energy — Part 2: Absorber-lined shielded enclosure ISO 11452-2:2004	Field strength is limitation to 600V/m; Frequency is between 80MHz to 6GHz, Limited to a specific client	2020-10-14
				Road vehicles - Component test methods for electrical disturbances from narrowband radiated electromagnetic energy - Part 2: Absorber-lined shielded enclosure ISO 11452-2: 2019	Field strength is limitation to 600V/m; Frequency is between 80MHz to 6GHz	2020-10-14
				General test specification of electromagnetic compatibility for electrical / electronic components and subsystems SMTC 3 800 006: 2017 7.3.1		2020-10-14
				Passenger car electrical and electronic components electromagnetic compatibility test requirements Q/FC-CC06-001A: 2015 10.2		2020-10-14
				EMC SPECIFICATIONS OF ELECTRICAL AND		2020-10-14



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		№	Item/ Parameter			
				ELECTRONIC COMPONENTS Q/JLY J7110779D: 2019① 15		
				electromagnetic compatibility specification CEVT 8888621495: 2018 6.2.3		2020-10-14
				Electromagnetic compatibility (EMC) performance requirements and test methods for automotive electrical and electronic equipment BAS 582: 2019 6.6		2020-10-14
				Technical specification of electromagnetic compatibility for E/E components GWT A D05-02: 2018 9.1		2020-10-14
				Electromagnetic compatibility requirements and test methods of drive motor system for electric vehicles GB/T 36282: 2018 5.2.1		2020-10-14
				Specification of Electromagnetic Compatibility Test for Electrical/Electronic Components and Subsystems VS-00.35-L-10008: 2018 9		2020-10-14
		10	Road vehicles- Electrical disturbances by narrowband radiated electromagnetic energy – component test methods bulk current injection test	Limits and methods of testing for immunity of electrical/electronic sub-assemblies in vehicles to electromagnetic radiation GB/T 17619:1998 9.5	Frequency 1MHz- 400MHz	2020-10-14
				Road vehicles - Component test methods for electrical disturbances from narrowband radiated electromagnetic energy - Part 4: Bulk current injection (BCI ISO 11452-4:2011	Frequency 1MHz- 400MHz,Li mited to a specific client	2020-10-14
				Road vehicles - Component test methods for electrical disturbances from narrowband radiated electromagnetic energy - Part 4: Bulk current injection (BCI) ISO 11452-4:2020	Accredited only for BCI test method	2020-10-14
				General test specification of electromagnetic compatibility for electrical / electronic components and subsystems SMTC 3 800 006: 2017 7.3.2		2020-10-14



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
				Passenger car electrical and electronic components electromagnetic compatibility test requirements Q/FC-CC06-001A: 2015 10.1		2020-10-14
				EMC SPECIFICATIONS OF ELECTRICAL AND ELECTRONIC COMPONENTS Q/JLY J7110779D: 2019① 14		2020-10-14
				electromagnetic compatibility specification CEVT 8888621495: 2018 6.2.2		2020-10-14
				Electromagnetic compatibility (EMC) performance requirements and test methods for automotive electrical and electronic equipment BAS 582: 2019 6.5		2020-10-14
				Technical specification of electromagnetic compatibility for E/E components GWT A D05-02: 2018 9.2		2020-10-14
				Electromagnetic compatibility requirements and test methods of drive motor system for electric vehicles GB/T 36282: 2018 5.2.1		2020-10-14
				Specification of Electromagnetic Compatibility Test for Electrical/Electronic Components and Subsystems VS-00.35-L-10008: 2018 10		2020-10-14
		11	Road vehicles-electrical disturbances by conduction and coupling-power lines immunity	Road vehicles -electrical disturbances by conduction and coupling Part 2:Electrical transient supply lines only ISO 7637-2:2004 +A1:2008	Only for the special entrustment	2020-10-14
				Road vehicles -electrical disturbances by conduction and coupling Part 2:Electrical transient supply lines only ISO 7637-2:2011		2020-10-14
				Road vehicles -electrical disturbances by conduction and coupling Part 2:Electrical transient supply lines only GB/T 21437.2-2008		2020-10-14
				General test specification of electromagnetic compatibility for electrical / electronic components and subsystems SMTC 3 800 006: 2017 7.4.2		2020-10-14



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
				Passenger car electrical and electronic components electromagnetic compatibility test requirements Q/FC-CC06-001A: 2015 12.1		2020-10-14
				EMC SPECIFICATIONS OF ELECTRICAL AND ELECTRONIC COMPONENTS Q/JLY J7110779D: 2019① 11		2020-10-14
				electromagnetic compatibility specification CEVT 8888621495: 2018 7.2.2		2020-10-14
				Electromagnetic compatibility (EMC) performance requirements and test methods for automotive electrical and electronic equipment BAS 582: 2019 6.9		2020-10-14
				Electromagnetic compatibility requirements and test methods of drive motor system for electric vehicles GB/T 36282: 2018 5.2.2		2020-10-14
				Technical specification of electromagnetic compatibility for E/E components GWT A D05-02: 2018 11.2		2020-10-14
				Specification of Electromagnetic Compatibility Test for Electrical/Electronic Components and Subsystems VS-00.35-L-10008: 2018 13		2020-10-14
		12	Road vehicles-electrical disturbances by conduction and coupling-power lines emission	Road vehicles -electrical disturbances by conduction and coupling Part 2:Electrical transient supply lines only ISO 7637-2:2004 +A1:2008	Only for the special entrustment	2020-10-14
				Road vehicles -electrical disturbances by conduction and coupling Part 2:Electrical transient supply lines only ISO 7637-2:2011		2020-10-14
				Road vehicles -electrical disturbances by conduction and coupling Part 2:Electrical transient supply lines only GB/T 21437.2-2008		2020-10-14
				General test specification of electromagnetic compatibility for electrical / electronic components and subsystems SMTC 3 800 006: 2017 7.2.1		2020-10-14



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date	
		№	Item/ Parameter				
				Passenger car electrical and electronic components electromagnetic compatibility test requirements Q/FC-CC06-001A: 2015 9		2020-10-14	
				EMC SPECIFICATIONS OF ELECTRICAL AND ELECTRONIC COMPONENTS Q/JLY J7110779D: 2019① 6		2020-10-14	
				electromagnetic compatibility specification CEVT 8888621495: 2018 7.2.1		2020-10-14	
				Electromagnetic compatibility (EMC) performance requirements and test methods for automotive electrical and electronic equipment BAS 582: 2019 6.4		2020-10-14	
				Technical specification of electromagnetic compatibility for E/E components GWT A D05-02: 2018 11.1		2020-10-14	
				Specification of Electromagnetic Compatibility Test for Electrical/Electronic Components and Subsystems VS-00.35-L-10008: 2018 8		2020-10-14	
		13	Road vehicles-electrostatic discharge		Road vehicles-Test methods for electrical disturbances from electrostatic discharge GB/T 19951:2005	Limited to a specific client	2020-10-14
					Road vehicle--Test methods for electrical disturbanes from electrostatic discharge GB/T 19951: 2019		2020-10-14
					Road vehicles-Test methods for electrical disturbances from electrostatic discharge ISO 10605:2008		2020-10-14
					Road vehicles - Test methods for electrical disturbances from electrostatic discharge ISO 10605: 2008a2014		2020-10-14
					General test specification of electromagnetic compatibility for electrical / electronic components and subsystems SMTC 3 800 006: 2017 7.4.4		2020-10-14
					Passenger car electrical and electronic components electromagnetic compatibility test requirements Q/FC-CC06-001A: 2015 13		2020-10-14



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		№	Item/ Parameter			
				EMC SPECIFICATIONS OF ELECTRICAL AND ELECTRONIC COMPONENTS Q/JLY J7110779D: 2019① 17		2020-10-14
				electromagnetic compatibility specification CEVT 8888621495: 2018 8.2, 8.3		2020-10-14
				Electromagnetic compatibility (EMC) performance requirements and test methods for automotive electrical and electronic equipment BAS 582: 2019 6.11		2020-10-14
				Technical specification of electromagnetic compatibility for E/E components GWT A D05-02: 2018 10		2020-10-14
				Limits and test method of magnetic and electric field strength from electric vehicles, broadband, 9kHz to 30MHz GB/T 36282: 2018 5.2.3		2020-10-14
				Specification of Electromagnetic Compatibility Test for Electrical/Electronic Components and Subsystems VS-00.35-L-10008: 2018 15		2020-10-14
				14	Magnetic Field Emissions	General test specification of electromagnetic compatibility for electrical / electronic components and subsystems SMTC 3 800 006: 2017 7.1.3
		Technical specification of electromagnetic compatibility for E/E components GWT A D05-02: 2018 8.6, 8.7				2020-10-14
		Electromagnetic compatibility (EMC) performance requirements and test methods for automotive electrical and electronic equipment BAS 582: 2019 6.2				2020-10-14
		EMC SPECIFICATIONS OF ELECTRICAL AND ELECTRONIC COMPONENTS Q/JLY J7110779D: 2019① 8, 9				2020-10-14
		electromagnetic compatibility specification CEVT 8888621495: 2018 5.3.1, 5.3.2				2020-10-14
		Electromagnetic compatibility specification for high voltage components of electric drive passenger cars Q/JLY J7110922B:				2020-10-14



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		№	Item/ Parameter			
				2016 12		
		15	Limits - Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)	Electromagnetic compatibility (EMC) – Part 3-2: Limits – Limits for harmonic current emissions (equipment input current ≤ 16 A per phase) IEC 61000-3-2: 2020		2020-10-14
	Electromagnetic compatibility - Limits – Limits for harmonic current emissions (equipment input current ≤ 16 A per phase) GB/T 17625.1: 2012				2020-10-14	
	Electromagnetic compatibility specification for high voltage components of electric drive passenger cars Q/JLY J7110922B: 2016 6				2020-10-14	
	Technical specification of electromagnetic compatibility for E/E components GWT A D05-02: 2018 12.1				2020-10-14	
		16	Limits - Limits for harmonic currents produced by equipment connected to public low-voltage systems with input current >16 A and ≤ 75 A per phase	Electromagnetic compatibility (EMC) – Part 3-12: Limits – Limits for harmonic currents produced by equipment connected to public low-voltage systems with input current >16 A and ≤ 75 A per phase IEC 61000-3-12: 2011	Accredited only for Table 2	2020-10-14
	Electromagnetic compatibility – Limits – Limits for harmonic currents produced by equipment connected to public low-voltage systems with input current >16 A and ≤ 75 A per phase GB/T 17625.8: 2015			Accredited only for Table 2	2020-10-14	
	Technical specification of electromagnetic compatibility for E/E components GWT A D05-02: 2018 12.1				2020-10-14	
	Electromagnetic compatibility specification for high voltage components of electric drive passenger cars Q/JLY J7110922B: 2016 6				2020-10-14	
		17	Limits—Limitation of voltage changes, voltage fluctuations and flicker in public	Electromagnetic compatibility (EMC) – Part 3-3: Limits – Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional		2020-10-14



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
			low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection	connection IEC 61000-3-3: 2017		
				Electromagnetic compatibility - Limits - Limits for harmonic current emissions (equipment input current ≤ 16 A per phase) GB/T 17625.2: 2007		2020-10-14
				Electromagnetic compatibility specification for high voltage components of electric drive passenger cars Q/JLY J7110922B: 2016 7		2020-10-14
				Technical specification of electromagnetic compatibility for E/E components GWT A D05-02: 2018 12.2		2020-10-14
		18	Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems - Equipment with rated current ≤ 75 A and subject to conditional connection	Part 3-11: Limits – Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems – Equipment with rated current ≤ 75 A and subject to conditional connection IEC 61000-3-11: 2017		2020-10-14
				Electromagnetic compatibility.Limits.Limitation of voltage changes,voltage fluctuations and flicker in public low-voltage supply systems for equipment with rated current ≤ 75 A and subject to conditional connection GB/T 17625.7: 2013		2020-10-14
				Electromagnetic compatibility specification for high voltage components of electric drive passenger cars Q/JLY J7110922B: 2016 7		2020-10-14
				Technical specification of electromagnetic compatibility for E/E components GWT A D05-02: 2018 12.2		2020-10-14
		19	Surge immunity test	Electromagnetic compatibility (EMC) – Part 4-5: Testing and measurement techniques – Surge immunity test IEC 61000-4-5: 2017		2020-10-14
				Electromagnetic compatibility--Testing and measurement techniques--Surge immunity test GB/T 17626.5: 2008		2020-10-14
				Electromagnetic compatibility--Testing and measurement techniques--Surge immunity test GB/T 17626.5: 2019		2020-10-14



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		20	Electrical fast transient/burst immunity test	Technical specification of electromagnetic compatibility for E/E components GWT A D05-02: 2018 12.4		2020-10-14
				Electromagnetic compatibility specification for high voltage components of electric drive passenger cars Q/JLY J7110922B: 2016 11		2020-10-14
				Electromagnetic compatibility (EMC) – Part 4-4: Testing and measurement techniques – Electrical fast transient/burst immunity test IEC 61000-4-4: 2012		2020-10-14
				Electromagnetic compatibility--Testing and measurement techniques--Electrical fast transient/burst immunity test GB/T 17626.4: 2018		2020-10-14
				Technical specification of electromagnetic compatibility for E/E components GWT A D05-02: 2018 12.3		2020-10-14
				Electromagnetic compatibility specification for high voltage components of electric drive passenger cars Q/JLY J7110922B: 2016 10		2020-10-14
		21	Testing and measurement techniques - Voltage dips, short interruptions and voltage variations immunity tests	Electromagnetic compatibility (EMC) – Part 4-1 1 : Testing and measurement techniques – Voltage dips, short interruptions and voltage variations immunity tests IEC 61000-4-11: 2020		2020-10-14
				Electromagnetic compatibility--Testing and measurement techniques--Voltage dips,short interruptions and voltage variations immunity tests GB/T 17626.11: 2008		2020-10-14
		22	Road Vehicles — Electrical disturbance by conduction and coupling — Part 4: Electrical transient conduction along	Road Vehicles — Electrical disturbance by conduction and coupling — Part 4: Electrical transient conduction along shielded high voltage supply lines only ISO 7637-4: 2020		2020-10-14



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
			shielded high voltage supply lines only			
		23	Metallic communication cables test methods- part 4-5: Electromagnetic compatibility (EMC) - Coupling or screening attenuation-absorbing calmp method	metallic communication cable test methods part 4-5 electromagnetic compatibility(EMC)-coupling or screening attenuation -absorbing clamp method IEC 62153-4-5: 2006		2020-10-14
		24	Motor Vehicle High-Voltage Contacts	Passenger car high voltage connector technical conditions GEELY J7111253A_CONN 2-2018	Accredited only for 5.6.3	2020-10-14
				Metallic communication cable test methods – Part 4-6: Electromagnetic compatibility (EMC) – Surface transfer impedance – Line injection method IEC 62153-4-6: 2017		2020-10-14
		25	Power frequency magnetic field immunity test	Electromagnetic compatibility specification for high voltage components of electric drive passenger cars Q/JLY J7110922B: 2016 9		2020-10-14
				Electromagnetic compatibility - Testing and measurement techniques - Power frequency magnetic field immunity test GB/T 17626.8: 2006		2020-10-14
				Electromagnetic compatibility (EMC) - Part 4-8 Testing and measurement techniques - Power frequency magnetic field immunity test IEC 61000-4-8: 2009		2020-10-14



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		№	Item/ Parameter			
		26	Harmonics and interharmonics including mains signalling at a.c. power port, low frequency immunity tests	Electromagnetic compatibility(EMC)-Part 4-13: Testing and measurement techniques-Harmonics and interharmonics including mains signalling at a.c. power port, low frequency immunity tests, IDT IEC 61000-4-13: 2015		2020-10-14
			Electromagnetic compatibility-Testing and measurement techniques-Harmonics and interharmonics including mains signalling at a.c. power port, low frequency immunity tests, IDT GB/T 17626.13: 2006		2020-10-14	
Textiles						
1	Textiles	1	Mass	Textiles--Woven fabrics--Determination of mass per unit length and mass per unit area GB/T 4669-2008	Accredited only for mass per unit area	2020-10-14
				Textiles-Woven fabrics-Determination of mass per unit length and mass per unit area ISO 3801:1977	Accredited only for mass per unit area	2020-10-14
				Determination of Mass per Area GMW3182:2016		2020-10-14
				Test Method For Measuring Mass (Weight) of Organic Trim Materials SAE J860:2015		2020-10-14
		2	Strength/ Elongation	Textiles-Tensile properties of fabrics-Part 1: Determination of maximum force and elongation at maximum force using the strip method GB/T 3923.1-2013		2020-10-14
				Textiles-Tensile properties of fabrics-Part 2: Determination of maximum force using the grab method GB/T 3923.2-2013		2020-10-14
				Standard Test Method for Breaking Strength and Elongation of Textile Fabrics (Grab Test) ASTM D5034-09(Reapproved 2017)		2020-10-14
				Textiles-Tensile properties of fabrics-Part 1: Determination of maximum force and elongation at maximum force using the strip		2020-10-14



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
				Method ISO 13934-1:2013		
				Determination of Tensile and Elongation Properties GMW3010:2019		2020-10-14
		3	Tearing	Standard Test Method for Tearing Strength of Fabrics by Trapezoid Procedure ASTM D5587-15		2020-10-14
				Textiles-Tear properties of fabrics-Part 2: Determination of tear force of trouser-shaped test specimens (single tear method) GB/T 3917.2-2009		2020-10-14
				Textiles-Tear properties of fabrics-Part 3: Determination of tear force of trapezoid-shaped test specimens GB/T 3917.3-2009		2020-10-14
				Tearing strength (textile) VCS 1024,37219-2005		2020-10-14
				Tearing Strength of Textile Materials by Trapezoid Method GMW3326:2016		2020-10-14
				Textiles-Tear properties of fabrics-Part 2: Determination of tear force of trouser-shaped test specimens (Single tear method) ISO 13937-2:2000		2020-10-14
				4	Bond Strength	Laminate Bond Strength GMW3220:2016
		Interlaminar strength VCS 1024,28519-2005				2020-10-14
		Determination of 180 Degree Peel Adhesion Strength of Laminates FLTM BN 151-05:2020				2020-10-14
		5	Martindale Abrasion	Textiles - Determination of the abrasion resistance of fabrics by the Martindale method - Part 2: Determination of specimen breakdown ISO 12947-2:2016		2020-10-14
				Textiles -- Determination of the abrasion resistance of fabrics by the Martindale method -- Part 3: Determination of mass loss ISO 12947-3:1998+Cor.1:2002		2020-10-14



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
				Textiles-Determination of the abrasion resistance of fabrics by the Martindale method-Part 4: Assessment of appearance change ISO 12947-4:1998+Cor.1:2002		2020-10-14
				Evaluation of soil- repellent finishes on textile materials 85000011-2009		2020-10-14
				Dye transfer by jeans fabric 85000145-2009		2020-10-14
				Resistance to soiling and cleanability of leather and tricot plastic 85000120-2003		2020-10-14
				Resistance against Velcro for woven and knitted textiles 85000025-2008		2020-10-14
				Linting resistance - modified Martindale 85000005-2009		2020-10-14
				Resistance to Pilling 85000006-2009		2020-10-14
		6	Resistance to Mildew Growth	Mildew Resistance GMW3259:2016		2020-10-14
		7	Colour fastness to rubbing	Textiles - Tests for colour fastness - Part X12: Colour fastness to rubbing ISO 105-X12:2016	Except for 19 mm× 25 mm	2020-10-14
				Textiles-Test for colour fastness-colour fastness to rubbing GB/T 3920-2008	Except for 19 mm× 25 mm	2020-10-14
				Color Resistance to Rubbing VCS 1026,84329-2006		2020-10-14
				Ford Laboratory Test Crocking Test FLTM BN 107-01:2020		2020-10-14
		8	Colour fastness to water	Textiles-Tests for colour fastness-Colour fastness to water GB/T 5713-2013	Except for: instrument grade 、	2020-10-14

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					Single fiber lining	
		9	Resistance to Staining, Soiling and Cleanability	Resistance to staining, soiling resistance and cleanability of woven or knitted textile materials 85000010-2007		2020-10-14
		10	Firmness of loop	Determination of the firmness of loops in terry fabrics or other loop fabrics 85000015-2000		2020-10-14
		11	Crease test	Crease test on foam laminated surface materials 85000020-2000		2020-10-14
		12	Colour fastness to perspiration	Textiles-Tests for colour fastness-Colour fastness to perspiration GB/T 3922-2013	Except for: instrument grade 、 Single fiber lining	2020-10-14
Leather						
1	leather	1	Thickness	Leather-Physical and mechanical tests-Determination of thickness QB/T 2709-2005		2020-10-14
				Leather - Physical and mechanical tests - Determination of thickness ISO 2589:2016		2020-10-14
				textiles-Determination of thickness of textiles and textile products ISO 5084:1996		2020-10-14
		2	Taber Abrasion	Test Method for Determining Resistance to Abrasion of Automotive Bodycloth, Vinyl, and Leather, and the Snagging of Automotive Bodycloth SAE J948:2017		2020-10-14
				Rubber- or plastics-coated fabrics - Determination of abrasion resistance - Part 1: Taber abrader ISO 5470-1:2016		2020-10-14
				Rotary Abrasion Test, Taber Type GMW3208:2017		2020-10-14



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		3	Colour fastness rubbing	Leather-Tests for colour fastness-Colour fastness to cycles of to - and fro rubbing QB/T 2537-2001		2020-10-14
				Leather - Tests for colour fastness - Colour fastness to cycles of to-and-fro rubbing ISO 11640:2018		2020-10-14

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