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Registration No. CNAS L7640

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

Effective Date: 2026-06-30 Expiry Date: 2030-04-22

SCHEDULE 3 ACCREDITED TESTING SCOPE

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
1	Coatings of metal materials	1	Impact test	Determination of impact resistance of coating films GB/T 1732-2020	Accredited only for coating samples	2026-06-30
				Paints and varnishes - Rapid-deformation (impact resistance) tests - Part 2: Falling-weight test, small-area indenter ISO 6272-2:2011	Accredited only for 1kg impactor,magnifying glass and coating samples	2026-06-30
				Standard Test Method for Resistance of Organic Coatings to the Effects of Rapid Deformation (Impact) ASTM D 2794-93(2024)	Accredited only for Magnifying glass and	2026-06-30



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
					coating samples	
		2	Resistance to heat and humidity	Determination of resistance to heat and humidity of paint films GB/T 1740-2007	Accredited only for coating samples	2026-06-30
		3	Xenon-arc lamps of exposure sources	Paints and varnishes - Artificial weathering and exposure to artificial radiation - Exposure to filtered xenon-arc radiation GB/T 1865-2009	Accredited only for Method 1 (Daylight Filter) and coating samples	2026-06-30
				Paints and varnishes - Methods of exposure to laboratory light sources Part 2: Xenon-arc lamps ISO 16474-2:2013	Accredited only for Method A (Daylight filter) and coating samples	2026-06-30
		4	Hardness by pencil	Paints and varnishes - Determination of film hardness by pencil test GB/T 6739-2022	Accredited only for coating samples	2026-06-30
				Paints and varnishes - Determination of film hardness by pencil test ISO 15184:2020	Accredited only for coating samples	2026-06-30
				Standard Test Method for Film Hardness by Pencil Test ASTM D3363-22	Accredited only for	2026-06-30



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
					coating samples	
		5	Salt spray test	Corrosion tests in artificial atmospheres - Salt spray test GB/T 10125-2021	Accredited only for volume 600L or 1000L and coating samples	2026-06-30
				Corrosion tests in artificial atmospheres - Salt spray tests ISO 9227:2022	Accredited only for volume 600L or 1000L and coating samples	2026-06-30
				Standard Practice for Operating Salt Spray (Fog) Apparatus ASTM B117-25	Accredited only for volume 600L and coating samples	2026-06-30
		6	Bend test	Paints and varnishes Bend test(cylindrical mandrel) GB/T 6742-2007	Accredited only for type II tester and coating samples	2026-06-30
				Paints and varnishes - Bend test(cylindrical mandrel) ISO 1519:2011	Accredited only for	2026-06-30



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
					type 2 tester and coating samples	
		7	Cupping test	Paints and varnishes Cupping test GB/T 9753-2007	Accredited only for coating samples	2026-06-30
				Paints and varnishes - Cupping test ISO 1520:2006	Accredited only for coating samples	2026-06-30
		8	Coating thickness	Non-conductive coatings on non-magnetic electrically conductive basis metals - Measurement of coating thickness - Amplitude-sensitive eddy-current method GB/T 4957-2025		2026-06-30
				Non-magnetic coatings on magnetic substrates - Measurement of coating thickness - Magnetic method ISO 2178:2016		2026-06-30
				Non-conductive coatings on non-magnetic electrically conductive base metals - Measurement of coating thickness - Amplitude-sensitive-eddy current method ISO 2360:2017		2026-06-30
		9	Adhesion	Paints and varnishes - cross-cut test GB/T 9286-2021	Accredited only for coating samples and manual cross cutting method	2026-06-30
				Paints and varnishes - Cross-cut test ISO 2409:2020	Accredited only for	2026-06-30



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
				CHINA NATIONAL ACCREDITATION SERVICE FOR CONFORMITY ASSESSMENT SCHEDULE OF ACCREDITATION CERTIFICATE	coating samples and manual cross cutting method	
		10	Wet Adhesion	Wrought aluminium alloy extruded profiles for architecture— Part4:Powder coating profiles GB/T 5237.4-2017 5.4.5.2		2026-06-30
				Specifications for a quality label For liquid and powder coatings on aluminium for architectural applications QUALICOAT Specification 2026 Edition Volume 0 Chapter 4.9		2026-06-30
		11	Gloss	Paints and varnishes - Determination of gloss value at 20 °, 60°and 85 ° GB/T 9754-2025	Accredited only for 60° gloss and coating samples	2026-06-30
				Paints and varnishes - Determination of gloss value at 20 °, 60°and 85 ° ISO 2813:2014	Accredited only for 60° gloss and coating samples	2026-06-30
		12	Indentation	Paints and varnishes - Buchholz indentation test GB/T 9275-2008	only for coating samples	2026-06-30
				Paints and varnishes - Buchholz indentation test ISO 2815:2003	Accredited only for coating samples	2026-06-30
		13	Evaluation of degradation of	Paints and varnishes - Evaluation of degradation of coatings - Designation of quantity and size of defects, and of intensity of		2026-06-30



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
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			coatings	uniform changes in appearance - Part 1: General introduction and designation system ISO 4628-1:2016		
				Paints and varnishes - Evaluation of degradation of coatings - Designation of quantity and size of defects, and of intensity of uniform changes in appearance - Part 2: Assessment of degree of blistering ISO 4628-2:2016		2026-06-30
				Paints and varnishes - Evaluation of quantity and size of defects, and of intensity of uniform changes in appearance - Part 3: Assessment of degree of rusting ISO 4628-3:2024		2026-06-30
				Paints and varnishes - Evaluation of degradation of coatings - Designation of quantity and size of defects, and of intensity of uniform changes in appearance - Part 4: Assessment of degree of cracking ISO 4628-4:2016		2026-06-30
				Paints and varnishes - Evaluation of degradation of coatings - Designation of quantity and size of defects, and of intensity of uniform changes in appearance - Part 5: Assessment of degree of flaking ISO 4628-5:2022		2026-06-30
				Paints and varnishes - Evaluation of degradation of coatings - Designation of quantity and size of defects, and of intensity of uniform changes in appearance - Part 8: Assessment of degree of delamination and corrosion around a scribe or other artificial defect ISO 4628-8:2012		2026-06-30
				Paints and varnishes - Evaluation of degradation of coatings - Designation of quantity and size of defects, and of intensity of uniform changes in appearance - Part 10: Assessment of degree of filiform corrosion ISO 4628-10:2024		2026-06-30
		14	Condensation water test	Paints and varnishes — Determination of resistance to humidity — Part 2: Condensation (in-cabinet exposure with heated water reservoir) ISO 6270-2:2025	Accredited only for Volume 300	2026-06-30



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					liters, Temperature 15°C -60°C, CH Method	
		15	Color change	Methods for measuring the color of coatings GB/T 11186-2025		2026-06-30
				Colorimetry - Part 4: CIE 1976 L*a*b* colour space ISO 11664-4:2019		2026-06-30
		16	Cyclic corrosion	Paints and varnishes - Determination of resistance to cyclic corrosion conditions - Part 1: Wet (salt fog)/dry/humid ISO 11997-1:2017	Accredited only for Volume 600L, Cycle A and Cycle B; Accredited only for coating samples	2026-06-30
				Standard Practice for Modified Salt Spray (Fog) Testing ASTM G85-19 Annex 5	Accredited only for volume 600L; Accredited only for coating samples	2026-06-30
		17	Cyclic aging test	Paints and varnishes - Corrosion protection of steel structures by protective paint systems - Part 6: Laboratory performance test methods ISO 12944-6:2018	Accredited only for coating	2026-06-30



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
					samples	
		18	Pull-off test	Corrosion protection of steel structures by protective paint systems - Assessment of, and acceptance criteria for, the adhesion/cohesion (fracture strength) of a coating - Part 1: Pull-off testing ISO 16276-1:2025		2026-06-30
		19	Accelerated weathering test (UV lamp)	Paints and varnishes - Methods of exposure to laboratory light sources - Part 3: Fluorescent UV lamps ISO 16474-3:2021	Accredited only for for UVA-340 and UVB-313. Accredited only for coating samples	2026-06-30
		20	Resistance to sulfur dioxide	Corrosion of metals and alloys - Sulfur dioxide test in a humid atmosphere (fixed gas method) ISO 22479:2019	Accredited only for Volume 300 liters, Temperature 40°C. Accredited only for coating samples	2026-06-30
		21	Abrasion resistance (Falling abrasive)	Standard Test Methods for Abrasion Resistance of Organic Coatings by Falling Abrasive ASTM D968-25	Accredited only for method A; Accredited	2026-06-30



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					only for coating samples	
		22	Machu Test	Specifications for a quality label For liquid and powder coatings on aluminium for architectural applications QUALICOAT Specification 2026 Edition Volume 0: Chapter 6.1		2026-06-30
		23	Filiform corrosion test	Paints and varnishes — Determination of resistance to filiform corrosion — Part 2: Aluminium substrates ISO 4623-2:2016	Accredited only for volume 340L	2026-06-30
		24	Water spot test	Specifications for a quality label For liquid and powder coatings on aluminium for architectural applications QUALICOAT 2026 Edition Volume 0 Chapter 3.8		2026-06-30
		25	Resistance to microscratching (Martindale)	Furniture — Assessment of the surface resistance to microscratching EN 16611-2023(E)	a guide and a spindle for a total of 155g	2026-06-30
		26		Wrought aluminium alloy extruded profiles for architecture—Part4:Powder coating profiles GB/T 5237.4-2017 5.4.5.3		2026-06-30
		27	Hydrochloric acid resistance	Wrought aluminium alloy extruded profiles for architecture—Part4:Powder coating profiles GB/T 5237.4-2017 5.4.11		2026-06-30
		28	Mortar resistance	Wrought aluminium alloy extruded profiles for architecture—Part4:Powder coating profiles GB/T 5237.4-2017 5.4.12		2026-06-30
				Paints and varnishes — Coating of aluminium and aluminium alloys for architectural purposes EN 12206-1:2021(E) 5.10		2026-06-30
		29	Detergent resistance	Wrought aluminium alloy extruded profiles for architecture—Part4:Powder coating profiles GB/T 5237.4-2017 5.4.14		2026-06-30
		30	Stone-chip resistance	Paints and varnishes — Determination of stone-chip resistance of coatings — Part 1: Multi-impact testing ISO 20567-1: 2017	Accredited only for coating	2026-06-30



№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
					samples	
		31		Paints and varnishes — Determination of resistance to humidity — Part 1: Condensation (single-sided exposure) ISO 6270-1:2017		2026-06-30
		32	Cyclic aging test	Paints and varnishes - Corrosion protection of steel structures by protective paint systems - Part 9: Protective paint systems and laboratory performance test methods for offshore and related structures ISO 12944-9:2018	Accredited only for coating samples	2026-06-30
		33		Standard Practice for Operating Fluorescent Ultraviolet (UV) Lamp Apparatus for Exposure of Materials ASTM G154-23		2026-06-30
2	Sulphuric Acid-Based anodic oxidation coatings of aluminium and aluminium alloy	1	Abrasion test	Anodizing of aluminium and its alloys - Method to test the surface abrasion resistance using glass-coated abrasive paper ISO 18771-2019		2026-06-30
		2	Quality of sealing	Anodizing of aluminium and its alloys - Assessment of quality of sealed anodic oxidation coatings by measurement of the loss of mass after immersion in acid solution(s) ISO 3210:2025	Accredited only for phosphoric acid method for pre-soaking of nitric acid	2026-06-30
3	Coating of nonmetal material	1	Coating thickness (Microscopical method)	Metallic and oxide coatings - Measurement of coating thickness - Microscopical method GB/T 6462-2025		2026-06-30
				Metallic and oxide coatings - Measurement of coating thickness - Microscopical method ISO 1463:2021		2026-06-30
		2	Coating thickness (Coulometric method)	Metallic coatings - Measurement of coating thickness - Coulometric method by anodic dissolution GB/T 4955-2005	Accredited only for the thickness of decorative	2026-06-30



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		№	Item/ Parameter			
					chromium	
				Metallic coatings - Measurement of coating thickness - Coulometric method by anodic dissolution ISO 2177:2003	Accredited only for the thickness of decorative chromium	2026-06-30
		3		Standard Test Method for Simultaneous Thickness and Electrode Potential Determination of Individual Layers in Multilayer Nickel Deposit (STEP Test) ASTM B764-04:2021		2026-06-30



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