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Address: No.1, Yehui Road, Economic & Technological Development Zone, Changshu, Jiangsu, China

Registration No. CNAS L8407

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

Effective Date: 2024-07-23 Expiry Date: 2028-03-14

SCHEDULE 3 ACCREDITED TESTING SCOPE

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
1	Metallic materials	1	Tensile testing at room temperature	Metallic materials-Tensile testing-Part 1: Method of test at room temperature GB/T 228.1-2021	Accredited only for $F_m \leq 150kN$; $R_m, R_{eL}, R_{eH}, R_{p0.2}, A, Z$ of sheet sample; method B	2024-07-23
				Metallic materials - Tensile testing - Part 1: Method of test at room temperature ISO 6892-1:2019	Accredited only for $F_m \leq 150kN$; $R_m, R_{eL}, R_{eH}, R_{p0.2}, A, Z$ of sheet sample; method B	2024-07-23

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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
				Metallic materials -- Tensile testing -- Method of test at room temperature JIS Z 2241:2022	Accredited only for $F_m \leq 150kN$; $R_m, R_{eL}, R_{eH}, R_{p0.2}, A, Z$ of sheet sample; method B	2024-07-23
				Standard Test Methods for Tension Testing of Metallic Materials ASTM E8/E8M-24	Accredited only for $F_{max} \leq 150kN$; $S_u, LYS, UYS, YS(\text{offset}=0.2\%), E_{lt}$ of sheet samples; method C	2024-07-23
		2	Rockwell hardness test	Metallic materials - Rockwell hardness test - Part 1: Test method GB/T 230.1-2018	Accredited only for HRBW, HR30TW, HR15TW	2024-07-23
				Rockwell hardness test - Test method JIS Z 2245:2021	Accredited only for HRB, HR30T, HR15T	2024-07-23
2	Prepainted steel sheet	1	Coating thickness	Test methods for prepainted steel sheet and strip GB/T 13448-2019 4	Accredited only for	2024-07-23



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				Testing methods for paints -- Part 1: General rule -- Section 7: Determination of film thickness JIS K 5600-1-7:2014	magnetic thickness gauger method Accredited only for methods of 7C & 7D	2024-07-23
		2	Specular Gloss	Test methods for prepainted steel sheet and strip GB/T 13448-2019 5	Accredited only for 60° inserting angle	2024-07-23
				Testing methods for paints - Part 4: Visual characteristics of film - Section 7: Specular gloss JIS K 5600-4-7:1999	Accredited only for 60° inserting angle	2024-07-23
				Standard Test Method for Specular Gloss ASTM D523-14(2018)	Accredited only for 60° inserting angle	2024-07-23
		3	Color Differences	Test methods for prepainted steel sheet and strip GB/T 13448-2019 6	Accredited only for spheric intergration type of colorimeter and ΔE^* of	2024-07-23



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					CIELAB color co-ordinates	
				Standard Practice for Calculation of Color Tolerances and Color Differences from Instrumentally Measured Color Coordinates ASTM D2244-23	Accredited only for ΔE_{ab}^*	2024-07-23
		4	Bending test	Test methods for prepainted steel sheet and strip GB/T 13448-2019 7		2024-07-23
				Standard Test Method for Coating Flexibility of Prepainted Sheet ASTM D4145-10(2022)		2024-07-23
		5	Impact test	Test methods for prepainted steel sheet and strip GB/T 13448-2019 8		2024-07-23
				Standard Test Method for Resistance of Organic Coatings to the Effects of Rapid Deformation (Impact) ASTM D2794-93(2024)		2024-07-23
				Testing methods for paints - Part 5: Mechanical property of film - Section 3: Falling-weight test JIS K 5600-5-3:1999	Except for falling ball method	2024-07-23
		6	Pencil hardness	Test methods for prepainted steel sheet and strip GB/T 13448-2019 9	Accredited only for pencil instrument method	2024-07-23
				Standard Test Method for Film Hardness by Pencil Test ASTM D3363-22		2024-07-23
				Testing methods for paints - Part 5: Mechanical property of film - Section 4: Scratch hardness (Pencil method) JIS K 5600-5-4:1999		2024-07-23
		7	Organic solvent resistance test	Test methods for prepainted steel sheet and strip GB/T 13448-2019 10		2024-07-23
				Standard Practice for Assessing the Solvent Resistance of Organic Coatings Using Solvent Rubs ASTM D5402-19		2024-07-23



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		8	Grid test	Test methods for prepainted steel sheet and strip GB/T 13448-2019 13	Accredited only for 1mm distance	2024-07-23
				Standard Test Methods for Rating Adhesion by Tape Test ASTM D3359-23	Accredited only for Method B	2024-07-23
				Testing methods for paints - Part 5: Mechanical property of film - Section 6: Adhesion test (Cross-cut test) JIS K 5600-5-6:1999		2024-07-23
		9	Cupping test	Test methods for prepainted steel sheet and strip GB/T 13448-2019 14		2024-07-23
				Standard Test Method for Ball Punch Deformation of Metallic Sheet Material ASTM E643-15		2024-07-23
				Testing methods for paints - Part 5: Mechanical properties of film - Section 2: Cupping test JIS K 5600-5-2:1999		2024-07-23
		10	Neutral salt spray test	Test methods for prepainted steel sheet and strip GB/T 13448-2019 21		2024-07-23
				Methods of salt spray testing JIS Z 2371:2015	Accredited only for NSS test	2024-07-23
		11	Humidity test	Test methods for prepainted steel sheet and strip GB/T 13448-2019 23	Accredited only for the non-condensing humidity method	2024-07-23
				Standard Practice for Testing Water Resistance of Coatings in 100% Relative Humidity ASTM D2247-15(2020)		2024-07-23
				Testing methods for paints -- Part 7: Long-period performance of film -- Section 2: Resistance to humidity (Continuous		2024-07-23



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		12	Artificial weathering test	condensation) JIS K 5600-7-2:1999		
				Test methods for prepainted steel sheet and strip GB/T 13448-2019 26		2024-07-23
				Standard Practice for Operating Fluorescent Ultraviolet (UV) Lamp Apparatus for Exposure of Materials ASTM G154-23	Accredited only for UVA-340 & UVB-313 lamps	2024-07-23
				Testing methods for paints - Part 7: Long-period performance of film - Section 8: Accelerated weathering (Exposure to fluorescent UV lamps) JIS K 5600-7-8:1999	Accredited only for UVA-340 & UVB-313 lamps and method A	2024-07-23
				Paints and varnishes-Rating schemes of degradation of coats GB/T 1766-2008		2024-07-23
3	Hot dip zinc (aluminum) steel coil	1	Weight Coating	Test method for gravimetric determination of the mass per unit area of galvanized coatings on steel products GB/T 1839-2008	Except for Annex A	2024-07-23
				Metallic coatings — Hot dip galvanized coatings on ferrous materials — Gravimetric determination of the mass per unit area ISO 1460:2020		2024-07-23
				Test methods for hot dip galvanized coatings JIS H 0401:2021	Accredited only for indirect method	2024-07-23
				Standard Test Method for Weight [Mass] of Coating on Iron and Steel Articles with Zinc or Zinc-Alloy Coatings ASTM A90/A90M-21		2024-07-23



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
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				Continuously hot-dip coated steel flat products for cold forming - Technical delivery conditions EN 10346:2015 Annex A		2024-07-23

CHINA NATIONAL ACCREDITATION SERVICE FOR CONFORMITY ASSESSMENT
SCHEDULE OF ACCREDITATION CERTIFICATE



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