

Name: National Institute of Measurement and Testing Technology

Address: No.100, Qingyun Road, Dayi, Chengdu, Sichuan, China

Registration No. CNAS L0893

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

Effective Date: 2021-01-28 Expiry Date: 2024-11-10

SCHEDULE 3 ACCREDITED TESTING SCOPE

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
I Measuring instrument						
1	Load Cell	1	Load cell error	Load Cells OIML:R60-2000Load Cells GB/T 7551-2008 5.1		2021-01-28
		2	Repeatability	Load Cells OIML:R60-2000Load Cells GB/T 7551-2008 5.4		2021-01-28
		3	Temperature effect on minimum dead load output	Load Cells OIML:R60-2000Load Cells GB/T 7551-2008 5.5.1.3		2021-01-28
		4	Creep	Load Cells OIML:R60-2000Load Cells GB/T 7551-2008 5.3.1		2021-01-28
2	Dynamometers	1	Reproducibility relative error	Calibration of force-proving instruments used for the verification of testing machines GB/T 13634-2019 ISO 376: 2011 7.5.1		2021-01-28
		2	Repeatability relative error	Calibration of force-proving instruments used for the verification of testing machines GB/T 13634-2019 ISO 376: 2011 7.5.1		2021-01-28
		3	Relative error interpolation	Calibration of force-proving instruments used for the verification of testing machines GB/T 13634-2019 ISO 376: 2011 7.5.2		2021-01-28



No. CNAS L0893

The scope of the accreditation in Chinese remains the definitive version.

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		4	Error between forward and backward in indicating value	Calibration of force-proving instruments used for the verification of testing machines GB/T 13634-2019 ISO 376: 2011 7.5.4		2021-01-28
		5	Zero relative error	Calibration of force-proving instruments used for the verification of testing machines GB/T 13634-2019 ISO 376: 2011 7.5.3		2021-01-28
3	Loudspeaker	1	distortion	Sound system equipment-Part5:Methods of measurement for main characteristics of loudspeakers GB/T 12060.5-2011 24.1		2021-01-28
		2	soundpressure	Sound system equipment-Part5:Methods of measurement for main characteristics of loudspeakers GB/T 12060.5-2011 20.1		2021-01-28
		3	impedance	Sound system equipment-Part5:Methods of measurement for main characteristics of loudspeakers GB/T 12060.5-2011 16.1		2021-01-28
		4	power	Sound system equipment-Part5:Methods of measurement for main characteristics of loudspeakers GB/T 12060.5-2011 18.1		2021-01-28
		5	response	Sound system equipment-Part5:Methods of measurement for main characteristics of loudspeakers GB/T 12060.5-2011 21.1		2021-01-28
		6	directivity	Sound system equipment-Part5:Methods of measurement for main characteristics of loudspeakers GB/T 12060.5-2011 23.3		2021-01-28
4	digital photogrammetry 3D coordinate measuring system	1	Repeatability of coordinate measurement	Geometrical Product Specifications (GPS) . Acceptance and reverification test for digital photogrammetry 3D coordinate measuring system GB/T 34890-2017 GBT 34890-2017 6.2		2021-01-28
		2	Size error	Geometrical Product Specifications (GPS) . Acceptance and reverification test for digital photogrammetry 3D coordinate measuring system GB/T 34890-2017 GBT 34890-2017 6.3		2021-01-28
		3	Length calibration of scale	Geometrical Product Specifications (GPS) . Acceptance and reverification test for digital photogrammetry 3D coordinate measuring system GB/T 34890-2017 GBT 34890-2017 6.4		2021-01-28
5	Electronic Measurement Instrument	1	radio-frequencyelectromagnetic field	Electromagnetic compatibility (EMC) – Part 4-3: Testing and measurement techniques – Radiated, radio-frequency, electromagnetic field immunity test GB/T17626.3-2016		2021-01-28



No. CNAS L0893

The scope of the accreditation in Chinese remains the definitive version.

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
6	(EMS)		immunity test	8.2		
				Electromagnetic compatibility (EMC) – Part 4-3: Testing and measurement techniques – Radiated, radio-frequency, electromagnetic field immunity test IEC61000-4-3-2006 8.2		2021-01-28
		2	Immunity to conducted disturbances, induced by radio-frequency fields	8.3		2021-01-28
				Electromagnetic compatibility (EMC) – Part 4-6: Testing and measurement techniques – Immunity to conducted disturbances, induced by radio-frequency fields GB/T17626.6-2008		2021-01-28
		3	Power frequency magnetic field immunity	8.2		2021-01-28
				Electromagnetic compatibility (EMC) – Part 4-8: Testing and measurement techniques - Power frequency magnetic field immunity test GB/T17626.8-2006		2021-01-28
		1	Maximum takeoff mass	8.2		2021-01-28
				Electromagnetic compatibility (EMC) - Part 4-8: Testing and measurement techniques - Power frequency magnetic field immunity test IEC61000-4-8-2009 8.2		2021-01-28
				Test methods for civil multi-rotor unmanned aircraft system GB/T 38058-2019 6.4.1		2021-01-28
				Poice unmanned aircraft systems GAT 1411.3-2017 6.2.1		2021-01-28
2	Maximum working radius	8.2		2021-01-28		
		Test methods for civil multi-rotor unmanned aircraft system GB/T 38058-2019 6.4.2		2021-01-28		
			Poice unmanned aircraft systems GA/T 1411.3-2017 6.2.8		2021-01-28	



No. CNAS L0893

第 3 页 共 8 页

The scope of the accreditation in Chinese remains the definitive version.

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		3	Maximum flight altitude (practical ceiling)	Test methods for civil multi-rotor unmanned aircraft system GB/T 38058-2019 6.4.3		2021-01-28
				Poice unmanned aircraft systems GA/T 1411.3-2017 6.2.3		2021-01-28
		4	Maximum level flight speed	Test methods for civil multi-rotor unmanned aircraft system GB/T 38058-2019 6.4.4		2021-01-28
				Poice unmanned aircraft systems GAT 1411.3-2017 6.2.2		2021-01-28
		5	Maximum climb rate	Test methods for civil multi-rotor unmanned aircraft system GB/T 38058-2019 6.4.5		2021-01-28
				Poice unmanned aircraft systems GA/T 1411.3-2017 6.2.10		2021-01-28
		6	High retention performance	Test methods for civil multi-rotor unmanned aircraft system GB/T 38058-2019 6.4.6		2021-01-28
		7	Speed retention performance	Test methods for civil multi-rotor unmanned aircraft system GB/T 38058-2019 6.4.7		2021-01-28
		8	Endurance time	Test methods for civil multi-rotor unmanned aircraft system GB/T 38058-2019 6.4.8		2021-01-28
				Police unmanned aircraft systems GA/T 1411.3-2017 6.2.5		2021-01-28
		9	Hover at point	Test methods for civil multi-rotor unmanned aircraft system GB/T 38058-2019 6.4.9		2021-01-28
Poice unmanned aircraft systems GA/T 1411.3-2017 6.2.6				2021-01-28		
10	Positioning and navigation	Test methods for civil multi-rotor unmanned aircraft system GB/T 38058-2019 6.4.10		2021-01-28		
		Poice unmanned aircraft systems GA/T 1411.3-2017 6.5.2		2021-01-28		
11	Track accuracy	Test methods for civil multi-rotor unmanned aircraft system GB/T 38058-2019 6.4.11		2021-01-28		



No. CNAS L0893

第 4 页 共 8 页

The scope of the accreditation in Chinese remains the definitive version.

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
				Poice unmanned aircraft systems GA/T 1411.3-2017 6.2.7		2021-01-28
				Technical specification of quality evaluation for crop protection UAS NY/T3213-2018 7.3.2		2021-01-28
CHINA NATIONAL ACCREDITATION SERVICE FOR CONFORMITY ASSESSMENT SCHEDULE OF ACCREDITATION CERTIFICATE						
II Construction works and building materials						
1	Pot bearings for highway bridges	1	Vertical bearing capacity	Pot bearings for highway bridges JT/T 391-2019 Appendix A		2021-01-28
2	Pot bearings for railway bridges	1	Vertical bearing capacity	Pot bearings for railway bridges TB/T 2331-2013 4.1.1 Appendix C		2021-01-28
3	Plate type elastomeric pad bearings for highway bridges	1	Compressive modulus of elasticity	Plate type elastomeric pad bearings for highway bridges JT/T 4-2019 Appendix A 4.1		2021-01-28
		2	Ultimate compressive strength	Plate type elastomeric pad bearings for highway bridges JT/T 4-2019 Appendix A 4.7		2021-01-28
4	Spherical bearings for bridges	1	Vertical bearing capacity	Spherical bearings for bridges GB/T 17955-2009 4.1.1 Appendix A		2021-01-28
5	oil and gas engineering	1	3D model	Code of terrestrial 3D laser scanning survey for oil and gas engineering SY/T 7346-2016 7.4		2021-01-28
		2	plan、3D surface、section	Code of terrestrial 3D laser scanning survey for oil and gas engineering SY/T 7346-2016 7.5		2021-01-28
		3	deformed figure	Code of terrestrial 3D laser scanning survey for oil and gas engineering SY/T 7346-2016 7.6		2021-01-28
		4	capacity figure	Code of terrestrial 3D laser scanning survey for oil and gas engineering SY/T 7346-2016 7.7		2021-01-28



No. CNAS L0893

第 5 页 共 8 页

The scope of the accreditation in Chinese remains the definitive version.

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date		
		№	Item/ Parameter					
III Electromagnetic compatibility								
1	electrical equipment	1	radio-frequency electromagnetic field immunity test	Electromagnetic compatibility (EMC) – Part 4-3: Testing and measurement techniques – Radiated, radio-frequency, electromagnetic field immunity test GB/T17626.3-2016 8.2		2021-01-28		
				Electromagnetic compatibility (EMC) – Part 4-3: Testing and measurement techniques – Radiated, radio-frequency, electromagnetic field immunity test IEC61000-4-3-2010 8.2		2021-01-28		
		2	Immunity to conducted disturbances, induced by radio-frequency fields	Electromagnetic compatibility (EMC) – Part 4-6: Testing and measurement techniques – Immunity to conducted disturbances, induced by radio-frequency fields GB/T17626.6-2017 8.3		2021-01-28		
				Electromagnetic compatibility (EMC) – Part 4-6: Testing and measurement techniques – Immunity to conducted disturbances, induced by radio-frequency fields IEC61000-4-6-2013 8.3		2021-01-28		
		3	Power frequency magnetic field immunity	Electromagnetic compatibility (EMC) - Part 4-8: Testing and measurement techniques - Power frequency magnetic field immunity test GB/T17626.8-2006 8.2		2021-01-28		
				Electromagnetic compatibility (EMC) - Part 4-8: Testing and measurement techniques - Power frequency magnetic field immunity test IEC61000-4-8-2009 8.2		2021-01-28		
		2	Industrial, scientific and medical equipment Railway applications	1	conducted Emission	industrial.scientific and medical(ISM)radio-frequency equipment-Electromagnetic disturbance characteristics-limits and methods of measurement GB 4824-2019 9.5		2021-01-28
						information technology-Radio disturbance characteristics-limits and methods of measurement GB/T 9254-2008 9.6		2021-01-28
						Railway applications — Electronic equipment used on rail		2021-01-28



№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
	Rolling stock Apparatus			vehicles GB/T 25119-2010		
				5.5 Railway applications — Electromagnetic compatibility — Part 3-2: Rolling stock — Apparatus EN50121-3-2-2006 7.1		2021-01-28
		2	Radiated Emission	industrial.scientific and medical(ISM)radio-frequency equipment-Electromagnetic disturbance characteristics-limits and methods of measurement GB 4824-2019 9.5		2021-01-28
				information technology-Radio disturbance characteristics-limits and methods of measurement GB/T 9254-2008 9.6		2021-01-28
				Railway applications — Electronic equipment used on rail vehicles GB/T 25119-2010		2021-01-28
				5.5 Railway applications — Electromagnetic compatibility — Part 3-2: Rolling stock — Apparatus EN50121-3-2-2006 7.1		2021-01-28
3	Radiated Emission	industrial.scientific and medical(ISM)radio-frequency equipment-Electromagnetic disturbance characteristics-limits and methods of measurement CISPR11-2016 10.5		2021-01-28		
3	anechoic chamber	1	NSA	Information technology equipment. Radio disturbance characteristics. Limits and methods of measurement. GB/T 9254-2008 10.4		2021-01-28
		2	VSWR	Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-4: Radio disturbance and		2021-01-28



No. CNAS L0893

The scope of the accreditation in Chinese remains the definitive version.

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
				immunity measuring apparatus - Antennas and test sites for radiated disturbance measurements GB/T 6113.104-2016 10.6		
				Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-4: Radio disturbance and immunity measuring apparatus - Antennas and test sites for radiated disturbance measurements CISPR16-1-4:2019 7.3		2021-01-28
		3	FU	Electromagnetic compatibility (EMC) – Part 4-3: Testing and measurement techniques – Radiated, radio-frequency, electromagnetic field immunity test GB17626.3-2016 6.2		2021-01-28
				Electromagnetic compatibility (EMC) – Part 4-3: Testing and measurement techniques – Radiated, radio-frequency, electromagnetic field immunity test IEC61000-4-3:2010 6.2		2021-01-28
		4	SE	Anechoic chambers. Shield attenuation measurement GB/T12190-2006 5.6,5.7,5.8		2021-01-28
				Anechoic chambers. Shield attenuation measurement EN50147-1 5.6,5.7,5.8		2021-01-28



No. CNAS L0893