Name: Guangdong Institute of Metrology(South China National Center of Metrology)

Address: No.30, Songbai East Street, Guangyuan Middle Road, Guangzhou, Guangdong, China

Registration No. CNAS IB0354

Type: A CHINA NATIONAL ACCREDITATION SERVICE FOR CONFORMITY ASSESSMENT Accreditation Criteria: ISO/IEC 17020:2012 and relevant requirements of CNAS Effective Date: 2025-03-27 Expiry Date: 2028-12-19

Nº	Inspection Objects	Т	ype and Range of Inspection	Standard/Method	Note	Effective Date
JNg	Inspection Objects	№	Name	or Procedures	Note	Effective Date
				General principle for equipping		
				and managing of the measuring		
	The measuring			instrument of energy in		<b>N</b>
	The measuring instrument of energy		$\sim$	organization of energy using GB		
1	in organization of	1	Equipment	17167-2006		2025-01-09
	energy using			General rules for equipping and		
	energy using			managing of the water measuring		$\sim$
				instrument in water-use		
				organization GB/T 24789-2022		

#### SCHEDULE 2 ACCREDITED INSPECTION SCOPE

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	Nº	Inspection Objects	Т	ype and Range of Inspection	Standard/Method	Note	Effective Date
	JN⊡	Inspection Objects	N⁰	Name	or Procedures	note	Effective Date
				HICC-WIKA	Specification for equipping and	<u> </u>	
					managing of measuring		
				and an and a second and a second and a second a	instrument of energy in		
		CHI	NA NA	TIONAL ACCREDITATION SE	petroleum and petrochemical TY A	SSESSMENT	
				SCHEDULE OF ACCRE	industry GB/T 20901-2007 TE		
G					Specification for equipping and		
		C			managing of the measuring		
					instrument of energy in the		
					nonferrous metals smelters GB/T		
					20902-2007		
					Specification for equipping and		
					managing of the measuring		
					instrument of energy in chemical		
					enterprise GB/T 21367-2008		
				$\sim$	Specification for equipping and		
					managing of measuring		
					instrument of energy in the iron		
					and steel industry GB/T 21368-		
					2008		
					specification for equipping and		
					managing of measuring		
					instrument of energy in fossil		
		G			power plants GB/T 21369-2008		

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Nº	Inspection Objects	Т	ype and Range of Inspection	Standard/Method	Note	Effective Date
115	Inspection Objects	N⁰	Name	or Procedures	Note	Effective Date
			HOC-IMIKA	Specification for equipping and	$\sim$	
				managing of measuring		
			and an and a second second	instrument of energy in building		
	CHI	NA NA	TIONAL ACCREDITATION SE	material industry GB/T 24851-Y A	SSESSMENT	
			SCHEDULE OF ACCRE	2010 TION CERTIFICATE	_	
				The rules for the examination of		$\mathbf{N}$
			$\sim$	the energy measuring in key		
				organization of energy using JJF		
				1356-2012	C	
				Requirements for equipping and		
				managing of measuring		
				instruments of energy and		
				resource in public institutions		
				GB/T 29149-2012		
			$\sim$	General principle for equipping		
				and managing of the measuring		
				instrument of energy in	C	
				organization of energy using GB		
		2	Management	17167-2006		2025-01-09
				General rules for equipping and		
				managing of the water measuring		
	_			instrument in water-use		N
				organization GB/T 24789-2022		

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Nº	Inspection Objects	Т	ype and Range of Inspection	Standard/Method	Note	Effective Date
JN≌	Inspection Objects	Nº	Name	or Procedures	Note	Effective Date
			IIdC-WIKA	Specification for equipping and	$\sim$	
				managing of measuring		
			adalahow .	instrument of energy in		
	CHI	NA NA	TIONAL ACCREDITATION SE	petroleum and petrochemical TY A	SSESSMENT	
			SCHEDULE OF ACCRE	industry GB/T 20901-2007 TE		
				Specification for equipping and		
			$\sim$	managing of the measuring		
				instrument of energy in the		
				nonferrous metals smelters GB/T	C	
				20902-2007		
				Specification for equipping and		
				managing of the measuring		
				instrument of energy in chemical		
				enterprise GB/T 21367-2008		
			$\sim$	Specification for equipping and		
				managing of measuring		
				instrument of energy in the iron	C	
				and steel industry GB/T 21368-		
				2008		
				specification for equipping and		
				managing of measuring		
				instrument of energy in fossil		
	6			power plants GB/T 21369-2008		

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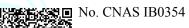
		Т	ype and Range of Inspection	Standard/Method		
N₂	Inspection Objects	N⁰	Name	or Procedures	Note	Effective Date
			HOU-WIKA	Specification for equipping and	<hr/>	
				managing of measuring		
			adalahow .	instrument of energy in building		
	CHI	NA NA	TIONAL ACCREDITATION SE	material industry GB/T 24851-	SSESSMENT	
			SCHEDULE OF ACCRE	2010 TION CERTIFICATE		
				The rules for the examination of		
			C	the energy measuring in key		
				organization of energy using JJF		
				1356-2012		
				Requirements for equipping and		$\sim$
				managing of measuring		
				instruments of energy and		
				resource in public institutions		
				GB/T 29149-2012		
			C	Drawing method of energy		
				measuring network diagram for		
				enterprises GB/T33656-2017	C	
				General principle of energy		
				audits GB/T 17166-2019		
2	Energy audit	1	Energy management	Technical guidelines of energy		2025-01-09
				audit on public institutions GB/T		
				31342-2014		



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N⁰	Inspection Objects	Т	ype and Range of Inspection	Standard/Method	Note	Effective Date
JNG	Inspection Objects	Nº	Name	or Procedures	Note	Effective Date
				Energy management systems— Guidelines for a phased	5	G
	СНІ		TIONAL ACCREDITATION SE	implementation GB/T 15587- F2023 E FOR CONFORMITY A	SSESSMENT	
	G	2	SCHEDULE OF ACCRE Energy and energy flow	The method of drawing energy balance network diagram for enterprises GB/T 28749-2012		2025-01-09
				Testing guide for energy consumption of equipment GB/T 6422-2009	5	
		3	Energy measurement and statistics	General principle for equipping and managing of the measuring		2025-01-09
	G			instrument of energy in organization of energy using GB 17167-2006		5
		4	The calculation and analysis of energy consumption index	The method of editing energy balance table for enterprises GB/T 28751-2012	5	2025-01-09
		5	The calculation and analysis of energy efficiency of equipment	General principles for monitoring and testing of energy saving GB/T 15316-2009	5 × 1	2025-01-09



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Nº	Increation Objects	Т	ype and Range of Inspection	Standard/Method	Note	Effective Date
JN⊡	Inspection Objects	N⁰	Name	or Procedures	INOLE	Effective Date
	СНІ	6 NA NA	Calculation and analysis of comprehensive energy consumption and energy consumption index value TON SE	General rules for calculation of the comprehensive energy consumption GB/T 2589-2020	SSESSMENT	2025-01-09
		7	Calculation and analysis of ACCRI energy cost index	General principle of energy E audits GB/T 17166-2019		2025-01-09
		8	Calculating methods of energy saved	Determination of energy savings in organizations GB/T 13234- 2018	~	2025-01-09
		1	Energy management and metering system	General principle for equipping and managing of the measuring instrument of energy in organization of energy using GB 17167-2006		2025-01-09
3	Energy savings audit	2	Energy consumption of project baseline	Determination of energy savings in organizations GB/T 13234- 2018 Guide of energy savings audit about energy-saving projects 发 改环资[ 2008]704 号 General technical rules for measurement and verification of energy savings GB/T 28750-2012	9	2025-01-09

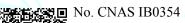
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Nº	Inspection Objects	T	ype and Range of Inspection	Standard/Method	Note	Effective Dat
JN⊙	Inspection Objects	Nº	Name	or Procedures	Note	Effective Date
			HICC-WIKA	Determination of energy savings		
				in organizations GB/T 13234-		
			Statulation .	2018		
	CH	INA NA	TIONAL ACCREDITATION SE	Guide of energy savings audit	SSESSMENT	
		3	Energy consumption after implementation of the Project	about energy-saving projects 发		2025-01-09
			Implementation of the Project	改环资[2008]704 号		
	C			General technical rules for		
				measurement and verification of		
				energy savings GB/T 28750-2012	$\sim$	
				Determination of energy savings		
				in organizations GB/T 13234-		
				2018		
				Guide of energy savings audit		
		4	Energy consumption leaked	about energy-saving projects 发		2025-01-09
			C	改环资[2008]704号	_	
				General technical rules for		
				measurement and verification of	C	
				energy savings GB/T 28750-2012		<u> </u>
			Identification of transportation	Technical Instructions for the	Only for Class 9:	
4	Freight transportation	1	conditions for goods	Safe Transport of Dangerous	magnetic material	2025-03-27
				Goods by Air ICAO, 2025-2026		



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		Т	ype and Range of Inspection	Standard/Method	Nutu	Effective Dete
Nº	Inspection Objects	N⁰	Name	or Procedures	Note	Effective Date
			HOC-WIKA	UN Recommendations on the	$\sim$	
				Transport of Dangerous Goods		
			and an and a labor	Model Regulations		
	CHI	NA NA	TIONAL ACCREDITATION SE	ST/SG/AC.10/1/ Rev.23: 2023	SSESSMENT	
			SCHEDULE OF ACCRE	Dangerous Goods Regulation		
				IATA 66th, 2025		
			$\overline{\mathbf{C}}$	UN Recommendations on the		
				Transport of Dangerous Goods		
				manual of tests and criteria	C	
				ST/SG/AC.10/11/Rev.8: 2023		
				Technical Instructions for the		
				Safe Transport of Dangerous		
~				Goods by Air ICAO, 2025-2026		
				UN Recommendations on the		5
			C	Transport of Dangerous Goods		
			Safety Inspection of Lithium	Model Regulations		
		2	Cells and batteries	ST/SG/AC.10/1/ Rev.23: 2023	G	2025-03-27
			Certs and batteries	UN Recommendations on the		$\sim$
				Transport of Dangerous Goods		
				manual of tests and criteria		
				ST/SG/AC.10/11/Rev 8: 2023		
				Dangerous Goods Regulation		$\mathbf{\hat{r}}$
			$\sim$	IATA 66th, 2025		



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N⁰	Inspection Objects	Т	ype and Range of Inspection	Standard/Method	Note	Effective Dat
JNG	Inspection Objects	Nº	Name	or Procedures	Note	Effective Dat
			IIdC-IMIKA	International Maritime	$\sim$	
				Dangerous Goods Code IMDG		
			C > Mahababa	Code, 41-22		
	CH	INA NA	TIONAL ACCREDITATION SE	European Agreement Concerning	SSESSMENT	
			SCHEDULE OF ACCR	the International Carriage of E		
				Dangerous Goods by Road ADR		5
			C	ECE/TRANS/326: 2023		
				Regulations concerning the		
				International Carriage of	C	
				Dangerous Goods by Rail		C
				RID:2023		
				Dangerous Goods Regulation		
				IATA 66th, 2025		
				Safety data sheet for chemical		
			C	products-Content and order of	Only for lithium	
	Proposed shipment of		Establishment of Chemical Safety	sections GB/T 16483-2008	batteries and special	
5	chemicals	1	Technical Data Sheets	Safety data sheet for chemical	cargo containing	2025-03-27
				products-Content and order of	lithium batteries	C
				sections ISO 11014:2009		
				Guidance on the compilation of		
				safety data sheet for chemical		
				products GB/T 17519-2013		



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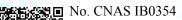
Nº	Inconcetion Objects	Т	ype and Range of Inspection	Standard/Method	Note	Effective Date
JNQ	Inspection Objects	Nº	Name	or Procedures	Note	Effective Date
			HOL-WIKA	Globally harmonized system of	6	
			The Andrews	classification and labelling of chemicals (GHS)		C
	СНІ	NA NA	TIONAL ACCREDITATION SE	ST/SG/AC.10/30/Rev.10: 2023	SSESSMENT	
			SCHEDULE OF ACCR	Technical administrative code of		
				electric energy metering DL/T	Except for:	1
		1	Administration of electric energy	448-2016	Installation of	2025-01-09
		1	metering	Techniques for inspection of	electrical equipment	2023 01 09
				electric energy metering		
				FID1601-2016		
				Technical administrative code of		
				electric energy metering DL/T	Except for:	
6	Inspection for electric	2	Accuracy of electric energy	448-2016	Installation of	2025-01-09
	Energy metering		metering	Techniques for inspection of	electrical equipment	
			G	electric energy metering		
				FID1601-2016		
				Technical administrative code of	C	
				electric energy metering DL/T	Except for:	C
		3	Running status of electric	448-2016	Installation of	2025-01-09
			energy merting	Techniques for inspection of	electrical equipment	
				electric energy metering	· · · · · · · · · · · · · · · · · · ·	
				FID1601-2016		



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N₂	Inspection Objects	Т	ype and Range of Inspection	Standard/Method	Note	Effective Date
JN⊙	Inspection Objects	N₂	Name	or Procedures	Note	
	СНІ	NA <sup>4</sup> NA	Rationality of energy demand SCHEDULE OF ACCR	Technical administrative code of electric energy metering DL/T 448-2016 Techniques for inspection of electric energy metering ATE FID1601-2016	Except for: Installation of electrical equipment	2025-01-09
)	CNAS	5	Failure of electric energy metering	Technical administrative code of electric energy metering DL/T 448-2016 Techniques for inspection of electric energy metering FID1601-2016	Except for: Installation of electrical equipment	2025-01-09
		6	Compensation for failure of electric energy metering	Technical administrative code of electric energy metering DL/T 448-2016 Techniques for inspection of electric energy metering FID1601-2016	Except for: Installation of electrical equipment	2025-01-09
7	Electric vehicle charging station	1	Compliance acceptance of the power supply system after operation	General requirements for electric vehicle charging station GB/T 29781-2013 6	Accredited only for : Material review	2025-01-09



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N₂	Inspection Objects	Type and Range of Inspection		Standard/Method	Note	Effection D. (
		N⁰	Name	or Procedures	note	Effective Date
	сн	2	Compliance acceptance of the charging system after operation	General requirements for electric vehicle charging station GB/T 29781-2013 7	S	2025-01-09
		NA NA 3	Compliance acceptance of the monitoring system after operation	General requirements for electric A vehicle charging station GB/T 29781-2013 8	SSESSMENT	2025-01-09
		4	Compliance acceptance of the electric energy metering system after operation	General requirements for electric vehicle charging station GB/T 29781-2013 9	Accredited only for : Material review	2025-01-09
		5	Compliance acceptance of the driving lanes and parking spaces after operation	General requirements for electric vehicle charging station GB/T 29781-2013 10	S.	2025-01-09
		6	Conformity acceptance of the signs and markings after operation	General requirements for electric vehicle charging station GB/T 29781-2013 12		2025-01-09
8	Completion acceptance of electric vehicle charging/battery swap infrastructure	1	Compliance acceptance of basic regulations	Code for construction and completion acceptance of electric vehicle charging/battery swap infrastructure NB/T 33004-2020 2.2 Standard for design of electric vehicle charging station GB/T 50966-2024 3 4	Accredited only for : Completion acceptance, Material review	2025-01-09

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Nº	Inspection Objects	Type and Range of Inspection		Standard/Method	Nete	
		N₂	Name	or Procedures	Note	Effective Date
	CHI	<b>NA NA</b> 2	Compliance acceptance of the power supply system after operation	Code for construction and completion acceptance of electric vehicle charging/battery swap infrastructure NB/T 33004-2020 3.2 ATION CERTIFICATE	Accredited only for : Completion NT acceptance, Material	2025-01-09
9				Standard for design of electric vehicle charging station GB/T 50966-2024 6	review	<u>с</u>
		3	Compliance acceptance of the charging system after operation	Code for construction and completion acceptance of electric vehicle charging/battery swap infrastructure NB/T 33004-2020 4.2	Only for "Completion acceptance"	2025-01-09
				Standard for design of electric vehicle charging station GB/T 50966-2024 5、7、8		5
		4	Compliance acceptance of the monitoring system after operation	Code for construction and completion acceptance of electric vehicle charging/battery swap infrastructure NB/T 33004-2020 6.2	Only for "Completion acceptance"	2025-01-09

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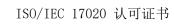
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NG	Inspection Objects	Type and Range of Inspection		Standard/Method			
Nº		Nº	Name	or Procedures	Note	Effective Date	
			HICC-WIKA	Standard for design of electric	~		
				vehicle charging station GB/T			
				50966-2024 9			
	CHI	NA NA	TIONAL ACCREDITATION SE	Code for construction and MITY A	SSESSMENT		
		5	SCHEDULE OF ACCR	completion acceptance of electric			
			Compliance acceptance of the	vehicle charging/battery swap	Accredited only for :		
	C C		civil engineering and other	infrastructure NB/T 33004-2020	Completion	2025-01-09	
			supporting facilities after	7.2	acceptance, Material		
			operation	Standard for design of electric	review		
				vehicle charging station GB/T			
				50966-2024 10、11			
		6		Code for construction and			
				completion acceptance of electric			
	CNAS		Compliance acceptance of the	vehicle charging/battery swap	Accredited only for :	2025-01-09	
			energy conservation and	infrastructure NB/T 33004-2020	Completion		
			environmental protection after	8.2	acceptance, Material		
			operation	Standard for design of electric	review		
				vehicle charging station GB/T			
				50966-2024 12			

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G	№ Inspection Objects	Type and Range of Inspection		Standard/Method		
N₂		N⁰	Name	or Procedures	Note	Effective Date
	СНІ	/ /	Compliance acceptance of document materials	Code for construction and completion acceptance of electric vehicle charging/battery swap infrastructure NB/T 33004-2020	Accredited only for : Material review	2025-01-09
CNAS	CNAS		SCHEDULE OF ACCR			
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