中国合格评定国家认可委员会

兹证明：

符合 ISO/IEC 17025:2017

（CNAS-CL01）

证书附件所列

获认可的

组成合

本证书

生效日期：2

截止日期：2

中国合格评定国家认可委员会

中国合格评定国家认可委员会宣布认可

CNAS是国际实验室认可合作组织互认协议的签署方

本证书的有效性可登陆www.cnas.org.cn查询

名称：青拓集团有限公司检测

地址：福建省福安市湾坞

注册号：CNAS L90

认可依据：ISO/IEC 17025:2017 以及 CNAS 特定认

生效日期：2023 年 01 月 10 日　　截止日期：2028 年 01 月 07 日

附件 3　认可的

No. CNAS L9039

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中国合格评定国家认可委员会
认可证书专用章

No. CNAS L9039

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China National Accreditation Service for Conformity Assessment

LABORATORY ACCREDITATION CERTIFICATE

(Registration No. CNAS L-9039)

Testing Center of Tsingtuo Group Co., Ltd.

(Legal Entity: Tsingtuo Group Co., Ltd.)

Baihuyu, Wanwu, Fu'an, Fujian, 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: 2022-04-08

Expiry Date: 2028-04-07

Signed on behalf of China National Accreditation Service for Conformity Assessment

China National Accreditation Service for Conformity Assessment (CNCA) is authorized by Certification and Accreditation Administration of the People's Republic of China (CNCA) to operate the national accreditation scheme for conformity assessment. CNAS is a signatory of International Laboratory Accreditation Cooperation Mutual Recognition Arrangement (ILAC MRA) and the Asia Pacific Accreditation Cooperation Mutual Recognition Arrangement (APAC MRA).

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

Name: Testing Center of Tsingtuo Group Co., Ltd.

Address: Banyu, Wanwu, Fu'an, Fujian, China

Registration No. CNAS L9039

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

Effective Date: 2025-01-10 Expiry Date：2028-04-07

SCHEDULE 3 ACCREDITED TESTING SCOPE

1	Steel	1	Si	Steel and iron—Determination of acid-soluble silicon and total silicon content—Reduced molybdosilicate spectrophotometric method GB/T 223.5-2008	Accredited only for acid-soluble silicon	2024-08-15
		2	P	IIron,steel and alloy-Determination of phosphorus content-Bismuth phosphomolybdate blue spectrophotometric method and antimony phosphomolybdate blue spectrophotometric method. GB/T 223.59-2008	Accredited only for method one	2024-08-15
		3	Mo	Iron,steel and alloy-Determination of molybdenum content –The thiocyanate spectrophotometric method GB/T 223.26-2008	Accredited only for method one	2024-08-15
		4	Ti	Steel and iron-Determinnation of titanium content-Diantipyrylmethane spectrophotometric method GB/T 223.84-2009		2024-08-15
		5	Ni	Methods for chemical analysis of iron,steel and alloy--The dimethylglyoxime gravimetric method for the determination of nickel content GB/T223.25-1994		2024-08-15

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				Iron,steel and alloy-Determination of nickel content-The dimethylglyoxime spectrophotometric method. GB/T 223.23-2008	Accredited only for method one	2024-08-15
		6	Mn	Alloyed steel-Determination of manganese content-Potentiometric or visual titration method. GB/T 223.4-2008	Accredited only for visual titration method	2024-08-15
				Iron, steel and alloy—Determination of manganese content—Sodium (potassium)ate spectrophotometric method GB/T 223.63-2022		2024-08-15
		7	Cr	Iron,steel and alloy-Determination of chromium content- Visual titration or potentiometric titration method GB/T 223.11-2008	Accredited only for method one	2024-08-15
		8	Tensile testing	Metallic materials - Tensile testing - Part 1: Method of test at room temperature GB/T 228.1-2021	Accredited only for R_m, R_{eL}, R_p, A, less than 250 kN and by method B	2024-08-15
				Standard Test Methods forTension Testing of Metallic Materials ASTM E8/E8M-24	Accredited only for under 250 kN 、Su、UYS、LYS、YS（offset=0.2%）、YS（EUL=0.5	2025-01-10

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				Determination of estimating the average grain size of metal GB/T 6394-2017	Accredited only for comparison method	2024-08-15
		14	Average grain size	Standard Test Methods for Determining Average Grain Size ASTM E112-13(2021)	Accredited only for comparison method，The invalidation method is only applicable to specific customers	2025-01-10
		15	nonmetallic inclusion	Steel - Determination of content of nonmetallic inclusions - Micrographic method using standards diagrams GB/T 10561-2023	Accredited only for method A	2024-08-15
				Standard Test Methods for Determining the Inclusion Content of Steel ASTM E45-18a（2023）	Accredited only for method A	2025-01-10
		16	Quantitative analysis of micro zone	Quantitative method for electron probe microanalysis of metals and alloys GB/T 15616-2008	Accredited only for Cr	2024-08-15
2	Water quality	1	pH	Water quality-Determination of pH value-Glass electrode method GB/T 6920-1986		2024-08-15
		2	SS	Water quality-Determination of suspended substance - Gravimetric method GB/T 11901-1989		2024-08-15

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