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RN 报告号码 17 164 2632328

Audit Report as per 核查报告

ISO 14064-1: 2018 & ISO 14064-3:2019

For

License Anhui Mercury Light Metal Co., Ltd.

holder 持证者 安徽迈格瑞轻金属有限公司

**No. 3 Taiyanghe East Road, He County
Economic Development Zone, Ma'anshan City,
Anhui Province, P. R. China**

安徽省马鞍山市和县经济开发区太阳河东路 3 号

License holder 持证者	Standard(s)/ 标准	Report Number(s)/ 报告号码	Verification Type/ 查验类型
Anhui Mercury Light Metal Co., Ltd. 安徽迈格瑞轻金属有限公司	ISO 14064-1: 2018 & ISO 14064-3:2019	17 164 2632328	First Review Verification 首次核查

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Document Review Date 文件评审日期 : 2026/03/17

Stage 1 Audit Date 第一阶段稽核日期 :

Stage 2 Audit Date 第二阶段稽核日期 : 2026/03/26

	Name 姓名	Document Review 文件评审	On-Site 现场查验		Technical Review 技术审查
			Stage 1 阶段 1	Stage 2 阶段 2	
Team Leader 核查组长	Hui Zhi 支慧	1 day	-days	1 days	-days
Verifier 核查员		- days	- days	- days	- days
Trainee Verifier 实习核查员		- days	- days	- days	- days
Technical Reviewer 技术审查	Lixin Li 李利新	- days	- days	- days	1 days

	Name 姓名	Number of years experience in the field 相关的经验	Number of projects reviewed 评审的案例数	Number of projects conducted 执行的案件数	Contact information 联络信息
Team Leader 核查组长	Hui Zhi 支慧	2017 till now	Over 10 projects	Over 10 projects	542024877@qq.com
Verifier 核查员	-	-	-	-	-
Trainee Verifier 实习核查员	-	-	-	-	-
Technical Reviewer 技术审查	Lixin Li 李利新	2007 till now	Over 10 projects	Over 20 projects	Lixin.Li@tuv.com

Technical team information 技术团队信息

1 Validation and verification result 核查结论

Organization of self-declaration effectiveness was verified on site by means of random sampling by an appropriately selected verifier. This applies in particular to the compliance of validation and verification scope with validation and verification scheme and standard requirements. This was done by means of a sampling approach, by conducting interviews and reviewing the appropriate documentation.

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组织自我宣告的有效性在现场由适合的核查小组以随机抽样方式加以核查，在这过程中，查验了核查范围是否与核查方案与标准要求一致。此系透过随机查验的方法实行，譬如藉由对相关文件的观察及检查。

<input checked="" type="checkbox"/>	The current validation and verification revealed the following nonconformities 在本次查验中发现的不符合: Standard(s) 标准 No. of major nonconformity 主要缺失数量 No. of minor nonconformity 次要缺失数量 ISO 14064-1: 2018 & ISO 14064-3:2019 0 1
<input type="checkbox"/>	The validation and verification revealed no revision required. 无需修订。(未经改动的)
<input checked="" type="checkbox"/>	The validation and verification revealed nonconformities which have been demonstrably corrected. The corrections and corrective actions taken in this respect have been verified. 核查发现的不符合显示已经消除，纠正与纠正措施已经进行验证。(经改动的)
<input type="checkbox"/>	The nonconformities (No. x) with individual standard elements require a re-audit to verify the effectiveness of the corrections and corrective actions (probable date:..ddmmyyyy) 由于严重不符合(No.)的纠正与纠正措施的执行需要复查，核查日期为.....

The verifier therefore recommends (provided the effectiveness of corrections and/or corrective actions addressing the identified nonconformities has been verified) 查验小组 (在查验过不符合事项的纠正与纠正措施后)建议:

<input checked="" type="checkbox"/>	Award of the new certificate(s). 颁发新查验证书
<input type="checkbox"/>	Issue of the certificate only after successful completion of a re-audit. 只有在复查后获得正面的结论才能颁发核查证书
<input type="checkbox"/>	Can't Award of the new certificate(s). 不予颁发

2 Scope 范围

2.1 Description of the organization 组织概述

Company 公司	Anhui Mercury Light Metal Co., Ltd. 安徽迈格瑞轻金属有限公司
Product / Service 产品/服务	Production, recycling, research and development, sales, and services of aluminum and magnesium light metals 铝、镁轻金属生产、回收、研发、销售和服务
Main Client / State 主要客户/国家	Global 全球

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Other 其他

Anhui Mercury Light Metal Co., Ltd. is a manufacturing enterprise focused on light metal products. The company primarily develops aluminum, magnesium-based materials, new materials, and their deep processing. It continuously achieves breakthroughs in the research and development of high-performance new materials, and various high-performance low-carbon aluminum alloys have been recognized and mass-produced by multiple automakers and terminal clients. The company has its own materials R&D institutions and teams both domestically and internationally, and has established joint laboratories with major automakers and 3C terminals. It also uses globally leading materials analysis software such as JMatPro to ensure the iterative updating of new materials, becoming a solid materials solution provider for clients. Anhui Mercury Light Metal Co., Ltd. is also a globally leading light metal recycler, with stable production and sales networks established in North America, Europe, and Asia. The company is committed to the research and development of new materials, investing in new technologies and processes to reduce carbon emissions; it vigorously promotes the use of light metal materials in the structural components of new energy vehicles, advancing humanity's transition to sustainable development with low-carbon, high-strength, and high-toughness light metal new materials.

安徽迈格瑞轻金属有限公司是一家专注于轻金属产品的生产型企业，公司以铝、镁基础材料、新材料及其深加工为主要发展方向，在高性能新型材料研发中不断取得突破，多种高性能低碳铝合金通过了多家整车厂及终端的认可和量产；在国内外拥有自己的材料研发机构和团队，并与各大整车厂及 3C 终端成立了联合实验室，且应用了全球领先的材料分析软件 JMatPro 等，为新材料的更新迭代保驾护航，成为客户坚实的材料方案解决供应商。安徽迈格瑞轻金属有限公司也是一家全球领先的轻金属回收商，在北美、欧洲和亚洲等区域均建立了稳定的生产与销售网络。公司致力于新材料的研发，通过投资新技术和工艺，以减少碳排放；大力推进轻金属材料在新能源汽车结构件上的使用，以低碳高强高韧轻金属新材料推进人类向可持续发展的转变。


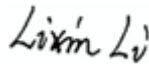
2.2 Scope 范围

The following sites and their scopes are included in the scope of validation and verification 核查涵盖了以下场所及其范围:

Site No. 场所编号	Sites included in verification 验证涵盖的场所 Name/address of site 场所名称 / 地址	Scope and processes (product / service) 范围和过程(商品/服务)	Standard(s) 标准	On-site Audit 现场查验
01	安徽迈格瑞轻金属有限公司 Anhui Mercury Light Metal Co., Ltd.	铝、镁轻金属生产、回收、研发、销售和服务 Production, recycling, research and development, sales, and services of aluminum and magnesium light metals	ISO 14064-1:2018 & ISO 14064-3:2019	<input checked="" type="checkbox"/>

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3 Dates 日期

2026.04.14		2026.04.25	
Date / Team Leader	日期 / 查验组长	Date / Technical Reviewer	日期 / 技术评审

Annex ISO 14064-1:2018

G.1 Validation and verification Program 核查方案

Inventory Criteria 盘查标准:	ISO 14064-1:2018, Measures for the Management of Greenhouse Gas Emissions Inventory Registration, Guidelines for Greenhouse Gas Emissions Inventory Operations ISO 14064-1:2018, 温室气体排放量盘查登录管理办法, 温室气体排放量盘查作业指引
Audit Criteria 稽核标准:	ISO 14064-3:2019, Guidelines for Greenhouse Gas Inspection ISO 14064-3:2019, 温室气体查验指引
Scheme 方案:	Voluntary scheme 自愿温室气体方案
Intended user 预期使用者:	<input type="checkbox"/> Government 政府 <input checked="" type="checkbox"/> Customer 买家 <input type="checkbox"/> NGOs 非营利组织 <input type="checkbox"/> Investor 投资方 <input checked="" type="checkbox"/> Private use 内部使用 <input type="checkbox"/> Consumer 消费者
Organizational / Reporting boundaries 组织/报告边界:	Sources as presented in inventory spreadsheet provided by client. 来源的展现来自客户提供的盘查清册。
Type of verification 查验类型:	<input type="checkbox"/> Base year 基准年 <input checked="" type="checkbox"/> First review 首次 <input type="checkbox"/> Regular 例行 <input type="checkbox"/> Re-audit/Additional 覆查/补查验 Base year 基准年: 2025 年(2025.01.01-2025.12.31)
Base year recalculation requirements 基准年重新计算要求	<ul style="list-style-type: none"> A structural change in reporting or organizational boundaries (i.e. merger, acquisition or divestiture) 组织或报告边界发生结构性的改变(如合并, 收购或转让) A change in calculation methodologies or emission factors 计算方法或排放 The discovery of an error or a number of cumulative errors that are collectively substantial 发现错误或累积性的错误 Other 其他:
Reason of base year changed 基准年变更理由	<input checked="" type="checkbox"/> Unchanged 未变更 <input type="checkbox"/> Changed, Initial base year 变更, 原基准年: Reason 理由: <input type="checkbox"/> a structural change in reporting or organizational boundaries (i.e. merger, acquisition or divestiture) 组织或报告边界发生结构性的改变(如合并, 收购或转让)

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	<input type="checkbox"/> a change in calculation methodologies or emission factors 计算方法或排放因子的改变 <input type="checkbox"/> the discovery of an error or a number of cumulative errors that are collectively substantial 发现错误或累积性的错误 <input type="checkbox"/> Other 其他:
Consolidation methodology 汇总方法:	<input type="checkbox"/> Financial control 财务控制 <input checked="" type="checkbox"/> Operational control 营运控制 <input type="checkbox"/> Equity share 股权持份 <input type="checkbox"/> Other 其他:
Level of assurance 保证等级:	<input checked="" type="checkbox"/> Reasonable assurance 合理 <input type="checkbox"/> Limited assurance 有限
GWP 全球暖化潜势:	<input type="checkbox"/> IPCC 1995 <input type="checkbox"/> IPCC 2001 <input type="checkbox"/> IPCC 2007 <input type="checkbox"/> IPCC 2013 <input checked="" type="checkbox"/> IPCC 2021
Materiality and Record keeping 实质性与记录保存	5 % / 10 Years 年
Change & Size Threshold 变动与排除门坎	Significance Threshold 显著性门坎: 5 % Size Threshold 排除门坎: 5 % or N/A 未使用(简易计算)
Internal audit period / date / NCs & OFIs 内部稽核周期/日期/缺失观察数	Audit period 审核周期: 2025.01.01-2025.12.31 Audit date 审核日期: 2026.03.26 NCs: 1 ; OFIs: 9
Competences 人员胜任力	Training 训练: N/A
Type of GHGs 温室气体种类:	<input checked="" type="checkbox"/> CO ₂ <input checked="" type="checkbox"/> CH ₄ <input checked="" type="checkbox"/> N ₂ O <input checked="" type="checkbox"/> HFCs <input type="checkbox"/> PFCs <input checked="" type="checkbox"/> SF ₆ <input type="checkbox"/> NF ₃ HFCs: R32 PFCs: <input type="checkbox"/> Other
Other 其他:	/

G.2 Conclusion 结论

Based on the information we have received and evaluated, it was verified by TÜV Rheinland that:
基于取得的信息进行评估, 德国莱因查验结论:

- Un-Changed 未改动的
 Changed 经改动的
 Adverse 不利的

G.2.1 Result 总结

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Site : Anhui Mercury Light Metal Co., Ltd.
场址 安徽迈格瑞轻金属有限公司

Site: No. 3 Taiyanghe East Road, He County Economic Development Zone, Ma'anshan City, Anhui Province, P. R. China
场所: 安徽省马鞍山市和县经济开发区太阳河东路 3 号

Data period (period of self-declaration): 2025.01.01-2025.12.31
核查年(受查验机构宣告区间)

Amount (t CO ₂ e) 排放量	Direct 直接	Indirect 间接					Total 总量
		Imported energy 输入的能源	Transportation 运输	Products used by organization 组织使用的产品	Associated with the use of products from the organization 使用组织的产品	Other sources 其他来源	
18202.95		2277.18	10744.41	595943.16	/	/	627167.70
		0.36%	1.72%	95.02%	/	/	
	Percentage (%) 百分比	2.90%	97.10%				

Biomass emissions 生物质排放

- Stationary 固定 : -排放量 (t CO₂e)
- Mobile 移动 : -排放量 (t CO₂e)

Reference of client documents 参照客户文件:

- Report 报告 : 迈格瑞-温室气体盘查报告书-4.14(1).DOC 202604
- Inventory sheet 盘查表: 迈格瑞-温室气体盘查清册-4.15.XLSX 202604