



2023

可持续发展报告

Sustainability Development Report

内蒙古创新轻量化新材料有限公司

Inner Mongolia Innovation Light Weight New
Materials Co., Ltd





目录 Table of Contents

01 About the report

关于报告

时间范围	Timeframe
报告边界	Reporting Coverage
编制依据	Preparation Basis
数据说明	Data description
指代说明	Indication
报告获取	Report Acquisition

02 Speech by the General Manager

总经理致辞

03 About Innovation Light Weight

关于创新轻量化

关于我们	Company profile
行为准则	Code of Conduct
组织架构	Organization chart
企业文化	Corporate Culture
公司荣誉	Company Honor

04 Promotion of Sustainable Development

推动可持续发展

可持续发展管理	Promoting Sustainability
利益相关方识别与沟通	Stakeholder Identification and Communication
实质性议题分析	Analysis of Substantive Issues

05 Compacting Governance

夯实公司治理

内控体系	Internal Control System
商业道德建设	Construction of Business Ethics

06 Caring for Employees' Growth

关爱员工成长

人才拓展	Talent Expansion
员工权益	Employee right and benefit
员工培训	Employee training
员工活动	Employee Activities
员工沟通	Employee communication
健康与安全	Health and Safety

07 Creating long-term value together

共创长期价值

研发创新	R&D Innovation
品质保证	Quality Assurance
客户服务	Customer Service
供应商管理	Supplier Management

08 Guard the beautiful environment

守护美好环境

环境管理	Environmental Management
水资源利用	Water Utilization
污染防治	Pollution prevention
绿色发展	Green Development

09 CSocial responsibility

社会责任

诚信经营, 依法纳税	Operate in good faith and pay taxes in accordance with the law
提供就业岗位, 促进社会稳定	Provide jobs and promote social stability
乡村振兴	Rural revitalization

10 Future expectations

未来展望

SDGs 对标表

SDGs Alignment Table

GRI 指标索引表

GRIGRI Standards Reference Table

意见反馈

Suggestion feedback

01 关于本报告

本报告是内蒙古创新轻量化新材料有限公司编制的 2023 年度可持续发展报告，对公司在环境、社会及管治等方面的实践与发展情况予以系统化的总结。

时间范围

2023 年 1 月 1 日至 2023 年 12 月 31 日，部分内容由于考虑项目连续性或重大影响的因素，会向前追溯或向后延伸。

报告边界

本报告涉及的内容与内蒙古创新轻量化新材料有限公司的业务覆盖区域一致，包括了公司的企业社会责任理念、战略和具体实践，以及在报告期内的企业运营状况。

编制依据

本报告参与全球可持续发展标准委员会（GSSB）发布的《可持续发展报告标准》（GRI STANDARDS 2021）和联合国可持续发展目标 SDGs 编制。

数据说明

本报告所披露的数据均来自公司正式文件和统计数据。同时，本报告涉及的货币种类及金额，如无特殊说明，均以人民币为计量单位。

指代说明

为便于表述和阅读，报告中内蒙古创新轻量化新材料有限公司简称为“创新轻量化”“公司”或“我们”（内文另有所指除外）。

报告获取

本报告仅发布电子版。对报告内容如有疑问或建议，欢迎来电或来函垂询。
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About the report

This report is the Sustainability Report 2023 prepared by Inner Mongolia Innovation Light Weight New Materials Co.,Ltd to provide a systematic summary of the company's practices and developments in the areas of environment,so- ciety and governance.

Timeframe

January 1, 2023 to December 31, 2023. Some elements have longer timeframes that start before or end after it due to project continuity or significant impact.

Reporting Coverage

The contents covered in this report are consistent with the business coverage area of Inner Mongolia Innovation Light Weight New Materials Co.,Ltd and include the company's CSR concepts, strategies and specific practices, as well as the status of corporate operations during the reporting period.

Preparation Basis

This report participates in the Sustainability Report Standard (GRISTANDARDS2021) issued by the Global Sustainable Development Standards Board (GSSB) and the preparation of the United Nations Sustainable Development Goals SDGs.

Data description

The data disclosed in this report are all from the company's official documents and statistics. At the same time, the currency types and amounts involved in this report, unless otherwise specified, are measured in CNY.

Indication

For ease of presentation and reading, Inner Mongolia Innovation Light Weight Materials Co.,Ltd is referred to as "Innovation Light Weight", "the company" or "we" (unless otherwise specified in the text).

Report Acquisition

This report is published in electronic version only. If you have any questions or suggestions about the content of the report, feel free to call or write to us Add:
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Speech by the General Manager

总经理致辞



企业高质量发展,要求我们既要有全球经济产业链共享的大局意识,也要有掌握核心技术的实力,于危机中育新机,于变局中开新局,把握发展规律,适应发展变化,加快形成铝工业新发展格局。

双碳政策背景下,如何节能减排、实现可持续发展已成为企业经营的重要课题。2023年,内蒙古创新轻量化新材料有限公司积极响应国家"双碳"目标要求,加大再生铝生产规模和使用比例,降低单位产品能耗及碳排放量,为应对全球气候变化与实现"双碳"目标做出贡献。

内蒙古创新轻量化新材料有限公司一直秉承“创新、绿色、智慧、开放”的发展理念,将“世界级汽车轻量化绿色低碳铝合金研发商和制造商”作为公司愿景,致力于成为铝行业高质量发展的引领者。

公司始终坚持履行社会责任,在做大 做强企业自身的同时,致力于将发展成果分 享给更广泛的利益相关方。创新轻量期待与广大客户、供应商和行业伙伴携起手来,用实 际行动践行企业社会责任,构建良好的产业 生态,共同为行业高质量发展、社会经济增长 贡献力量!

The high-quality development of enterprises requires that we not only have the overall awareness of the sharing of the global economic industry chain, but also have the strength to master the core technology, educate the new machine in the crisis, open a new bureau in the change, grasp the law of development, adapt to development and change, and accelerate the formation of a new development pattern of the aluminum industry.

Under the background of dual carbon policy, how to save energy and reduce emissions Sustainable development has become an important issue in business management. In 2023, Inner Mongolia Innovative Lightweight New Materials Co., Ltd. actively responded to the requirements of the national "double carbon" target, increased the scale and proportion of recycled aluminum production, reduced energy consumption and carbon emissions per unit product, and contributed to the response to global climate change and the realization of the "double carbon" goal.

Inner Mongolia Innovative Lightweight New Materials Co., Ltd. has been adhering to the development concept of "innovation, green, wisdom and openness", and will "World-class automotive lightweight green low-carbon aluminum alloy developer and manufacturer." as the company's vision, is committed to becoming the leader of high-quality development of the aluminum industry.

The company has always adhered to fulfilling its social responsibility, and while making itself bigger and stronger, it is committed to sharing the development results to a wider range of stakeholders. Innovation Light Weight looks forward to working with customers, suppliers and industry partners to practice corporate social responsibility with practical actions, build a good industrial ecology, and jointly contribute to the high-quality development of the industry and social and economic growth!



关于 创新轻量化

About
Innovation Light Weight



Company profile | 关于我们

内蒙古创新轻量化新材料有限公司成立于2022年10月12日，位于内蒙古自治区通辽市霍林郭勒市市区西南工业园C区，是山东创新金属科技有限公司全资子公司。公司总投资7.65亿元，占地面积28.6万平方米，主要经营铝合金新型合金材料、交通运输轻量化镁铝合金材料及航空航天等高端产品的加工、销售及生产技术研发。公司依托于内蒙古丰富的太阳能、风能等绿色能源，逐步减少对传统能源的依赖，在能源结构上向多元化转变，助力全球绿色发展。

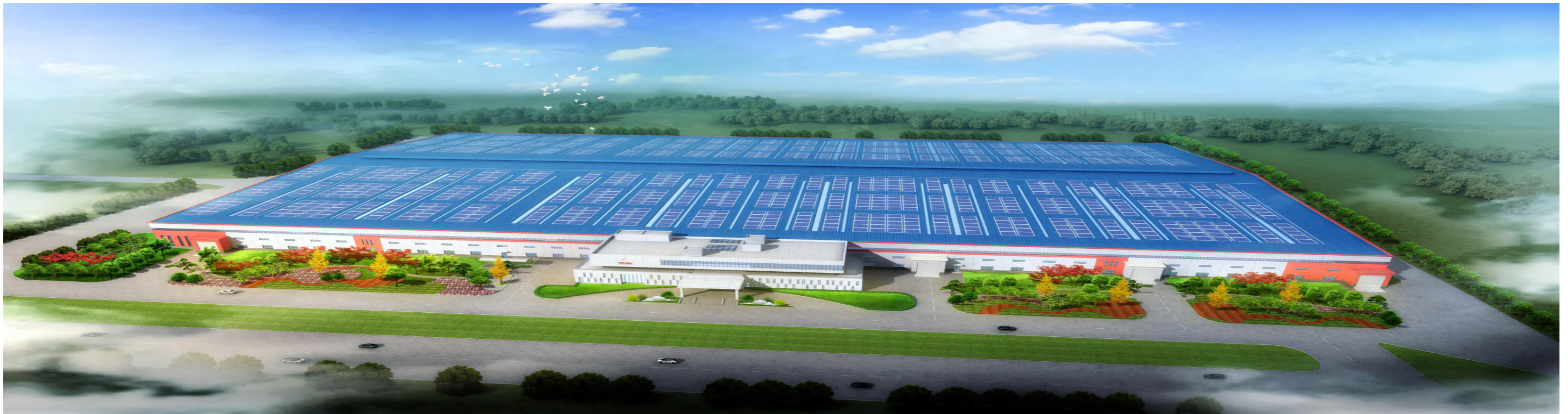
Inner Mongolia Innovation Lightweight New Materials Co., Ltd. was established on October 12, 2022, located in the In Area C, Southwest Industrial Park, Huolingol City, Tongliao City, Inner Mongolia Autonomous Region, is a wholly-owned subsidiary of Shandong Innovative Metal Technology Co., LTD. The company has a total investment of 765 million yuan, covers an area of 286,000 square meters, mainly engaged in aluminum alloy new alloy materials, transportation lightweight magnesium aluminum alloy materials and aerospace and other high-end products processing, sales and production technology research and development. Relying on the abundant solar energy, wind energy and other green energy in Inner Mongolia, the company gradually reduces its dependence on traditional energy, diversifies its energy structure, and contributes to global green development.

创新轻量化公司规划建设10条挤压生产线，目前已投产5条挤压生产线，年产铝合金型材、管棒材等10万吨，主要专注于高端铝合金产品，包括汽车轻量化、工业及交通运输、航天航空等高端铝合金产品。特别是在汽车轻量化铝合金高端型材项目方面，公司拥有多种特殊合金成分秘方，我们的产品将广泛用于汽车铝挤压结构件，如电池托盘、门槛梁、防撞梁等关键的汽车轻量化零部件。此外，公司还拥有先进的精密加工设备，包括59台数控加工中心及其他全自动化车铣复合生产线，可为客户提供精深加工产品，共同促进汽车轻量化高质量发展。

The Innovation lightweight company plans to build 10 extrusion production lines, and has put into operation 5 extrusion production lines with an annual output of 100,000 tons of aluminum alloy profiles, pipe rods, etc., mainly focusing on high-end aluminum alloy products, including automotive lightweight, industrial and transportation, aerospace and other high-end aluminum alloy products. Especially in the automotive lightweight aluminum alloy high-end profile project, the company has a variety of special alloy ingredients secret, our products will be widely used in automotive aluminum extrusion structural parts, such as battery trays, threshold beams, anti-collision beams and other key automotive lightweight parts. In addition, the company also has advanced precision machining equipment, including 59 CNC machining centers and other fully automated turn-milling composite production lines, which can provide customers with deep processing products and jointly promote the development of lightweight and high-quality vehicles.

创新轻量化始终将绿色发展理念贯穿于产品的整个生命周期，选用低碳材料作为生产原料，如使用低碳铝、绿电铝等，从而在源头减少碳排放。全力打造高度集成的“绿色铝”产业链。

Innovation lightweight has always been the concept of green development throughout the entire life cycle of the product, the selection of low-carbon materials as raw materials, such as the use of low-carbon aluminum, green aluminum, etc., so as to reduce carbon emissions at the source. To build a highly integrated "green aluminum" industrial chain.



Code of Conduct

行为准则

内蒙古创新轻量化新材料有限公司建立行为准则如下：

Inner Mongolia Innovative Lightweight New Material Co., Ltd. has established a code of conduct as follows:

一、环境管理

- 1、根据联合国气候变化框架公约所制定的最终目标，本公司从生命周期的角度致力于温室气体减排，以减轻其对全球气候的负面影响。
- 2、本公司每年说明并公开披露重要温室气体排放和各种能源的使用情况；制定有时限的减排目标和计划，进行实施。
- 3、本公司开展降本增效工作，减少原材物料和能源的使用消耗。
- 4、本公司优先使用可再生、可循环利用的原材物料和清洁能源。
- 5、本公司将对人体健康和对环境带来不利影响的污水、废气、噪声、固体废弃物、温室气体和有害物质的排放降到最低，规范处理危险废物和一般固废，并根据废物减缓层级管理废物。
- 6、本公司致力于公司的产品实现清洁化、绿色化、低碳化。
- 7、本公司负责任地利用和管理水资源，达到水平衡的目的。
- 8、本公司根据减缓层级顺序，管理它对生物多样性的影响，以保护生态系统、居住地和物种。
- 9、本公司致力于从生命周期的角度，推动资源的使用效率和铝的回收利用，这既体现在内部运营中也体现在铝的价值链中。
- 10、本公司在本身的运营中，尽量减少铝工艺废料的产生，并努力使废料得以全回收、循环利用或再次使用的目标。
- 11、本公司与当地的、区域性的或全国性的回收再生循环系统紧密配合，支持准确衡量并努力提高他们的含铝产品在相关市场的再生循环利用率。

Environmental Management

1. In accordance with the ultimate goal of the United Nations Framework Convention on Climate Change (UNFCCC), the Company is committed to reducing greenhouse gas emissions from a life-cycle perspective in order to mitigate the negative impacts on the global climate.
2. The Company annually describes and publicly discloses the status of significant greenhouse gas emissions and the use of various types of energy, and formulates time-bound emission reduction targets and plans for implementation.
3. The Company carries out cost reduction and efficiency enhancement work to reduce the consumption of raw materials and energy use.
4. The Company gives priority to the use of renewable and recyclable raw materials and clean energy.
5. The Company minimizes the emission of sewage, exhaust gas, noise, solid waste, greenhouse gases and hazardous substances that adversely affect human health and the environment, standardizes the treatment of hazardous waste and general solid waste, and manages waste according to the waste mitigation hierarchy.
6. The Company is committed to the cleanliness, greenness and decarbonization of the Company's products.
- 7 The Company uses and manages its water resources responsibly to achieve a water balance.
- 8 The Company manages its impact on biodiversity in accordance with the order of the mitigation hierarchy in order to protect ecosystems, habitats and species.
- 9 The Company is committed to promoting the use of resources efficiently and the recycling of aluminium from a life-cycle perspective, which is both in its internal operations and in the aluminum value chain.
- 10 The Company minimizes the generation of aluminum process scrap in its own operations and strives to achieve the goal of full recovery, recycling or reuse of scrap.
- 11 The Company works closely with local, regional or national recycling and reclaiming recycling systems to support accurate measurement of, and efforts to increase the recycling rates in recycling and reclaiming utilization of their aluminum-containing products in the relevant markets.

Code of Conduct

行为准则

内蒙古创新轻量化新材料有限公司建立行为准则如下：

Inner Mongolia Innovative Lightweight New Material Co., Ltd. has established a code of conduct as follows:

二、社会

- 1、本公司尊重人权和劳工权益，遵守联合国关于商业与人权的指导原则。
- 2、本公司落实遵守ILO公约和国家、地方政府的法律法规，确保尊重妇女的权利和利益；尊重原住民的权利和利益；尊重员工自由结社和集体谈判的权利。
- 3、本公司依照ILO公约和国家、地方政府的法律法规，不使用也不支持使用任何形式的童工；不使用也不支持使用任何形式的强迫性劳动、人口贩运劳动；不使用也不支持使用体罚、精神或肉体胁迫、骚扰和基于性别的暴力，包括性骚扰，或言语侮辱。
- 4、本公司遵守ILO公约和国家、地方政府的法律法规，保证平等机会，在聘用、薪酬、晋升、培训或解雇等事务上，不因性别、种族、民族或社会起源、宗教、残疾、政治、党派、性取向、婚姻状况、家庭责任、年龄或可引起歧视的任何其他状况而实行歧视。
- 5、本公司承诺建设项目不占用文化遗址和宗教圣地，如需要重新安置，本公司会按照法律法规、客户和铝业管理倡议（ASI）要求制定重新安置计划。
- 6、在本公司的项目设计中，必须考虑可行的替代办法，以避免或尽量减少人群在实质性的地点或财产上的迁移，同时兼顾环境、社会、财政成本及效益，特别注意对穷人和弱势群体，包括对妇女的影响。
- 7、本公司尊重当地社区在其土地、生计及使用自然资源方面的法律和传统权益，并采取适当步骤，防止并解决由于其活动对当地社区生计造成的任何不利影响。
- 8、在受冲突影响和高风险地区，本公司不助长武装冲突或侵犯人权。
- 9、本公司确保与工人及其代表就工作条件和解决工作场所及报酬问题进行公开沟通和直接接触，而不会受到报复、恐吓或骚扰等威胁。
- 10、本公司遵守国家、地方政府的法律法规，确保员工获得与工作时间对应的薪酬及相关的福利。
- 11、本公司遵守劳动时间(包括加班时间)、节假日和带薪年假的适用法律法规和行业标准。
- 12、本公司向所有员工和承包商提供安全、健康的工作条件。
- 13、本公司职业健康与安全管理体系文件化，该体系符合适用的国内和国际标准。
- 14、本公司为员工们提供向管理层提出、讨论并参与解决职业健康与安全问题的机制。
- 15、本公司使用的职业健康和安全绩效，与现有同行和最佳实践进行比较，并努力不断改进。

Social

- 1.The Company respects human rights and labor rights, and complies with the United Nations Guiding Principles on Business and Human Rights.
- 2 The Company implements compliance with the ILO Convention and the laws and regulations of the national and local governments, and ensures respect for women's rights and interests; respect for aboriginal people's rights and interests; and respect for the rights of employees to freedom of association and collective bargaining.
- 3 The Company, in accordance with the ILO Convention and the laws and regulations of the national and local governments The Company does not use or support the use of any form of child labor; does not use or support the use of any form of forced labor, human trafficking; does not use or support the use of corporal punishment, mental or physical coercion, harassment, and gender-based violence, including sexual harassment, or verbal insults.
4. The Company complies with the ILO Convention and the laws and regulations of the national and local governments, and ensures equal opportunities in hiring, compensation, promotion, training or dismissal.
5. The Company undertakes that construction projects will not occupy cultural heritage sites and religious shrines, and that, if relocation is required, the Company will develop a plan for resettlement in accordance with the laws, regulations, customers and the requirements of the Aluminum Industry Stewardship Initiative (ASI).
6. Initiative (ASI) requirements to develop a resettlement plan.6. In the Company's project design, feasible alternatives must be considered to avoid or minimize the displacement of populations in substantial locations or properties, taking into account the environmental, social, and financial costs and benefits, with particular attention to the impacts on the poor and disadvantaged groups, including women.
7. The Company respects the rights and interests of the local communities in terms of their land, livelihoods, and use of natural resources, and takes appropriate steps to prevent and address any adverse impacts on the livelihoods of local communities as a result of its activities.
- 8 The Company does not contribute to armed conflict or human rights abuses in conflict-affected and high-risk areas.
- 9 The Company ensures that it communicates openly and engages directly with workers and their representatives on working conditions and in resolving issues of workplace and remuneration without being subjected to threats of retaliation, intimidation or harassment.
- 10 The Company complies with national and local government laws and regulations to ensure that employees receive compensation and related benefits that correspond to the number of hours worked.
- 11 The Company complies with applicable laws, regulations and industry standards for labor hours (including overtime hours), holidays and paid annual leave.
- 12 The Company provides safe and healthy working conditions to all employees and contractors.
- 13 The Company The Company's occupational health and safety management system is documented, and the system complies with applicable national and international standards.
- 14 The Company provides employees with a mechanism to raise, discuss, and participate in the resolution of occupational health and safety issues with management.
- 15 The Company uses occupational health and safety performance, compares it with existing peers and best practices, and strives for continual improvement.16 The Company also provides employees with a mechanism to discuss and participate in the resolution of occupational health and safety issues with management.

Code of Conduct

行为准则

内蒙古创新轻量化新材料有限公司建立行为准则如下：

Inner Mongolia Innovative Lightweight New Material Co., Ltd. has established a code of conduct as follows:

三、治理原则

- 1、本公司有限公司依据最新的国家法律法规、行业要求及ASI要求，建立和实施综合性、专项性的各类相应管理体系以保持对适用法律的认识并确保遵守。
- 2、本公司根据适用法律和现行国际标准，对一切形式的腐败，包括敲诈和贿赂，实施零容忍。
- 3、本公司在兼并和收购，关闭、退役和撤资的过程中，严格复审相关的环境、社会和治理问题。
- 4、本公司依据法规要求，公开披露公司治理方法以及对环境、社会和经济的实质影响；公开披露由于违反适用法律而遭受的重大罚款、判决、处罚及非经济制裁等方面的信息；依照法律或合同要求向政府付款或已经付款。

Governance Principles

1. The Company establishes and implements comprehensive and specialized management systems in accordance with the latest national laws and regulations, industry requirements and ASI requirements in order to maintain awareness of and ensure compliance with applicable laws.
2. The Company implements a zero-tolerance approach to all forms of corruption, including extortion and bribery, in accordance with applicable laws and current international standards.
3. The Company strictly reviews the relevant environmental, social and governance issues in the course of mergers and acquisitions, closures, decommissioning and divestments.
- 4 The Company publicly discloses its corporate governance practices and the material environmental, social and economic impacts in accordance with regulatory requirements; publicly discloses information regarding significant fines, judgments, penalties and non-economic sanctions imposed as a result of violations of applicable laws; and pays, or has paid, governments in accordance with legal or contractual requirements.

Grievance/complaint mechanismst

申诉/投诉机制

为使管理做到合法、无障碍、公平、公正、透明化，内蒙古创新轻量化新材料有限公司建立投诉/申诉联系方式如下：

In order to make the management legal, accessible, fair, just and transparent, Inner Mongolia Innovative Lightweight New Material Co., Ltd. has established the following contact information for complaints/grievances:

客户投诉——营销部受理电话：13087165733 邮箱：qlhyxb@sdcxjt.com

供应商投诉——采购部受理电话：18547537829 邮箱：qlhcgb@sdcxjt.com

内部员工投诉/申诉——企管部受理电话：0475-2739285 邮箱：qlhqgb@sdcxjt.com

其他利益相关方投诉——创新新材受理电话：0543-6981777 邮箱：jjjcb@sdcxjt.com

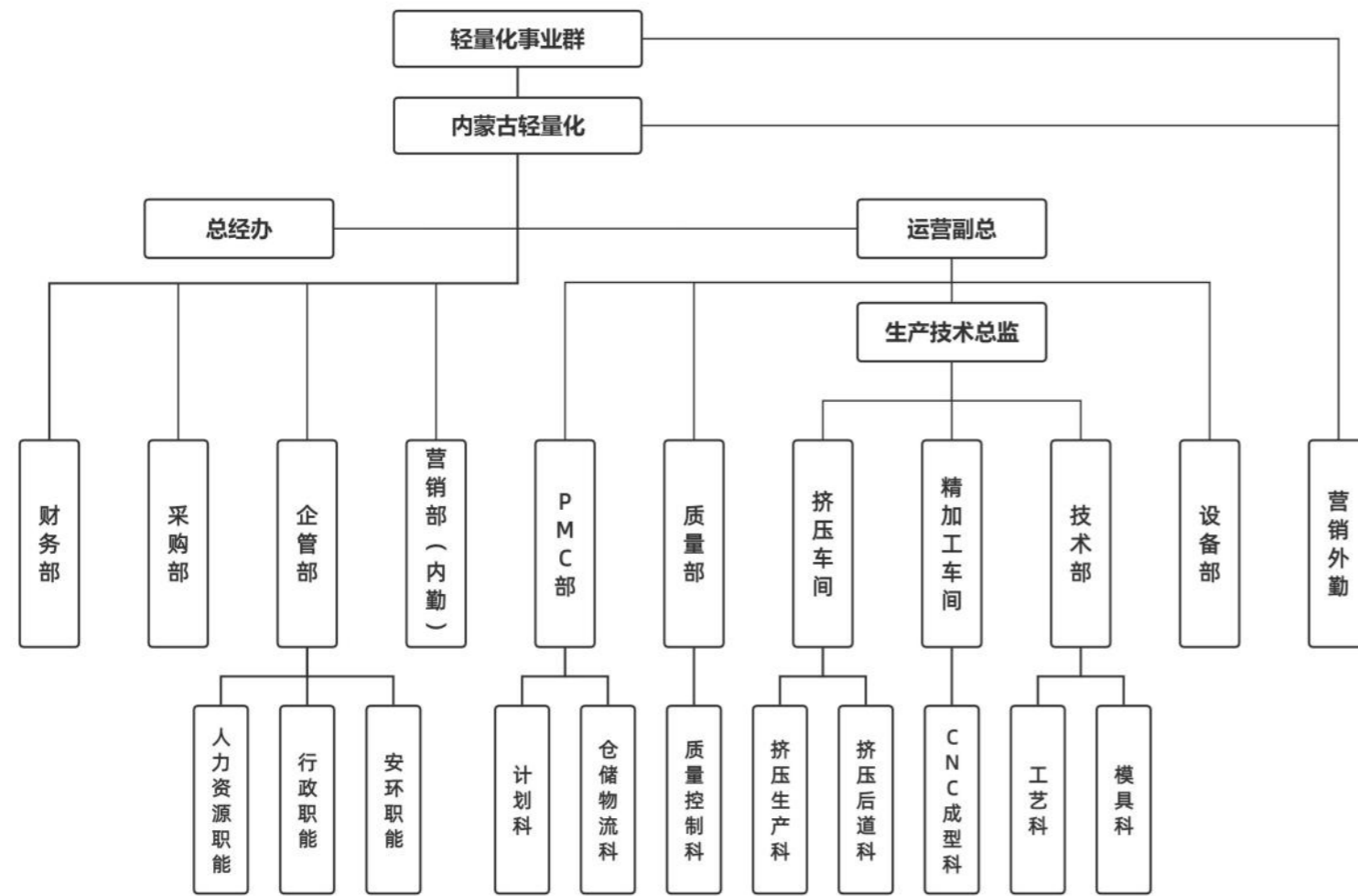
Customer Complaints--Marketing Department Acceptance Phone: 13087165733 E-mail: qlhyxb@sdcxjt.com

Supplier Complaints--Purchasing Department Acceptance Phone: 18547537829 E-mail: qlhcgb@sdcxjt.com

Complaints/grievances from internal employees--Enterprise Management Department Acceptance Phone: 0475-2739285 E-mail: qlhqgb@sdcxjt.com

Complaints from other stakeholders--Innovation New Material Acceptance Phone: 0543-6981777 E-mail: jjjcb@sdcxjt.com

Current corporate governance organization 组织架构



Corporate Culture 企业文化

企业愿景 Corporate Vision	世界级汽车轻量化绿色低碳铝合金研发商和制造商 World-class automotive lightweight green low-carbon aluminum alloy developer and manufacturer.
使命 Mission	争当行业领军 打造百年企业 strive to be the industry leader and build a hundred years of enterprise.
价值观 Values	求真务实 开拓创新 共创共享 truth-seeking, pragmatic, pioneering and innovative, creating and sharing.

Company Honor 公司荣誉

内蒙古自治区工业和信息化厅文件

内工信节综字〔2024〕376号

关于公布2024年绿色制造示范单位的通知

各盟市工业和信息化局：

按照《内蒙古自治区绿色制造体系建设管理实施细则》要求，依据《关于开展2024年度绿色制造示范单位推荐工作的通知》（内工信节综字〔2024〕265号），组织开展了绿色制造示范单位创建工作。经申报单位评价、盟市初审推荐、第三方机构组织专家组审核、网上公示等环节，最终确定2024年自治区级绿色制造示范单位，现予公布，有关事项通知如下：

一、2024年自治区级绿色制造示范单位中，绿色工厂113家、绿色工业园区5家、绿色供应链管理企业21家（见附件1）。

二、按照工信部动态管理要求，经各盟市工业和信息化局核实确认，将我区绿色制造示范单位中的8家绿色工厂取消绿色制造单位，8家绿色工厂和5家绿色工业园区变更名称（见附件2）。

三、凡列入2024年绿色制造示范名单的绿色工厂、绿色工业园区、绿色供应链管理企业要进一步加大示范创建提升力度，制定三年提升计划及年度实施方案，具体包括提升目标、任务进度、拟开展的重点工作、拟实施的重大项目、保障措施及示范宣传推广计划等内容。通过三年创建活动，全面完成提升自身目标任务。

四、各盟市要高度重视绿色制造体系建设工作，加快制定出台支持绿色制造示范相关配套政策，加强与相关产业政策的衔接，积极扶持先进绿色典型，充分发挥示范引领作用，推进各地工业绿色转型升级，同时加强对绿色制造示范单位内有关单位及第三方评价机构的指导、监督和管理，对不符合绿色制造评价要求的单位，要及时报送有关情况。

联系人：冯 晔 0471-4826524

附件：1. 2024年自治区级绿色制造示范单位

2. 绿色制造示范单位动态调整汇总表



- 1 -

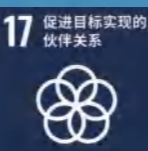
- 2 -

2024年自治区级绿色制造示范单位

绿色工厂			
序号	所民盟市	旗县区	企业名称
1	呼和浩特市	经济技术开发区	内蒙古大窑嘉宾饮品有限公司
2	呼和浩特市	土默特左旗	中材锂膜(内蒙古)有限公司
3	呼和浩特市	经济技术开发区	内蒙古创维智能科技有限公司
4	呼和浩特市	和林格尔县	富友联合圣牧乳品有限公司
5	通辽市	霍林郭勒市	内蒙古创源金属有限公司
6	通辽市	经济技术开发区	内蒙古蒙药股份有限公司
7	通辽市	霍林郭勒市	内蒙古创新轻量化新材料有限公司
8	通辽市	奈曼旗	内蒙古玻丝特制造有限公司
9	通辽市	奈曼旗	奈曼旗牧原肉食品生产有限公司
10	赤峰市	宁城县	赤峰市建支管业有限公司

推动 可持续发展

Promotion
of Sustainable
Development



Promoting Sustainability

可持续发展管理

创新轻量化坚守绿色发展理念，积极培育高质量发展的绿色基础，致力于引领企业和产业朝着可持续发展的方向前进。同时，公司不断加大节能减排力度，将绿色、低碳、循环的发展理念贯穿于产品的整个生命周期。我们采取了多项节能减排措施，以“技术实力派”推动企业可持续发展。

Innovation Light Weight adheres to the Environment concept, actively cultivates the green foundation for high-quality development, and is committed to leading the enterprise and the industry in the direction of sustainable development. At the same time, the company continues to increase energy saving and emission reduction, the green, low carbon, recycling development concept throughout the product life cycle. We have taken a number of energy-saving and emission reduction measures to promote the sustainable development of the enterprise with "technical strength".

此外，公司积极推动内外部利益相关方访谈，并建立了适当的沟通渠道，以便利益相关方能够轻松地与企业沟通，了解各方的期望和需求，促进企业可持续发展。我们将继续以绿色发展为导向，为推动的可持续发展不断努力。

In addition, the company actively promotes internal and external stakeholder interviews and establishes appropriate communication channels so that stakeholders can easily communicate with the company, understand the expectations and needs of all parties, and promote the sustainable development of the enterprise. We will continue to follow green development, with our ongoing efforts to promote sustainable development.

Stakeholder Identification and Communication

利益相关方识别与沟通

创新轻量化高度重视利益相关方的关注和诉求，通过建立有效的利益相关方识别和参与的多样化沟通渠道，及时向利益相关方披露政策更新、日常经营、发展、变革、特殊变动等相关信息及公司可持续发展工作的进展情况。同时，我们积极倾听各相关方的反馈与意见，以深入了解各方对公司的期望与要求，同利益相关方携手，共同完善企业的经营管理。

Innovation Light Weight attaches great importance to the concerns and demands of stakeholders, and discloses to stakeholders in a timely manner information related to policy updates, daily operations, development, changes, special changes and the progress of the company's sustainable development efforts through the establishment of diversified communication channels for effective stakeholder identification and participation. At the same time, we actively listen to the feedback and opinions of all relevant parties in order to gain an in-depth understanding of their expectations and requirements of the company, and work hand in hand with the stakeholders to improve the management of the enterprise.

创新轻量化的主要利益相关方包括：政府及监管部门、客户、供应商、员工、环境、媒体和非政府组织以及社区。以下是识别出的主要利益相关方和交流方式：

Innovation Light Weight major stakeholders include: government and regulatory authorities, customers, suppliers, employees, the environment, media and non-governmental organizations, and the community. The following are the main stakeholders and communication methods identified:

重要利益相关方 Key stakeholders	关注议题 Issues of concerns	沟通与回应 Communication and response
政府及监管部门 Government and regulatory authorities	<ul style="list-style-type: none"> ○ 合规经营 Compliance management ○ 商业道德 Business ethics ○ 遵守政策、法规 Comply with policies and regulations ○ 环境合规管理 Environmental compliance management 	<ul style="list-style-type: none"> ○ 积极主动纳税 Active taxpayer ○ 守法合规建设 Law-abiding and compliant constructor ○ 政策收集、咨询与执行 Policy collection, consultation and implementation ○ 主动汇报与信息披露 Active reporting and information disclosure
客户 Customer	<ul style="list-style-type: none"> ○ 提供安全和优质的产品和服务 Provide safe and quality products and services ○ 听取客户意见和建议 Listened to customer feedback and suggestions ○ 公平诚信交易 Fair and honest trading ○ 保护客户信息安全 Protected information security of customers 	<ul style="list-style-type: none"> ○ 售前售后管理 Pre- and post-sales management ○ 客户沟通与意见收集 Customer communication and opinion gathering ○ 公平诚信对待客户 Treating customers fairly and honestly ○ 强化信息安全管理 Treating customers fairly and honestly
供应商 Suppliers	<ul style="list-style-type: none"> ○ 诚信公平经营 Integrity and fair operation ○ 带动供应商发展 Drove the development of suppliers 	<ul style="list-style-type: none"> ○ 公开透明的采购原则和流程 Open and transparent procurement principles and processes ○ 规范化的供应商管理 Standardized supplier management
员工 Employee	<ul style="list-style-type: none"> ○ 优良的工作环境 Excellent working environment ○ 培训和职业发展 Training and career development ○ 人权保障 Human rights protection ○ 职业健康安全 Occupational health and safety 	<ul style="list-style-type: none"> ○ 提供优良的工作环境 Providing an excellent working environment ○ 多样化的培训与职业路径规划 Diversity training and career path planning ○ 保障员工人权 Protecting employees' human rights ○ 加强职业健康安全管理 Strengthening occupational health and safety management

重要利益相关方	关注议题	沟通与回应
环境 Environment	<ul style="list-style-type: none"> 节能降耗 Energy Saving and Consumption Reduction 减少碳排放 Carbon Emission Reduction 能源与资源管理 Energy and resource management 	<ul style="list-style-type: none"> 积极推动节能降耗 Actively promoting energy saving and consumption reduction 减少直接和间接碳排放 Reducing direct and indirect carbon emissions
	<ul style="list-style-type: none"> 环境管理 Environmental Management 	
	<ul style="list-style-type: none"> 信息透明 Information transparency 沟通交流和评估 Communication and evaluation 	<ul style="list-style-type: none"> 及时进行信息公开 Timely information disclosure 参与和组织交流和评估 Participation and organization of communication and assessment
媒体和非政府组织 Media and non-governmental organizations	<ul style="list-style-type: none"> 信息透明 Information transparency 沟通交流和评估 Communication and evaluation 	<ul style="list-style-type: none"> 及时进行信息公开 Timely information disclosure 参与和组织交流和评估 Participation and organization of communication and assessment
社区 Community	<ul style="list-style-type: none"> 带动社区经济发展 Drive Community Economy Development 开展多层次、多方位的合作 Carry out Multi-Level and Multi-Faceted Cooperation 社区公益事业 Community Charity 	<ul style="list-style-type: none"> 提供就业岗位 Provide jobs 支持社区建设 Support Community Building 开展公益、志愿服务活动 Carry Out Public Welfare and Volunteer Service Activities

Analysis of Substantive Issues 实质性议题分析

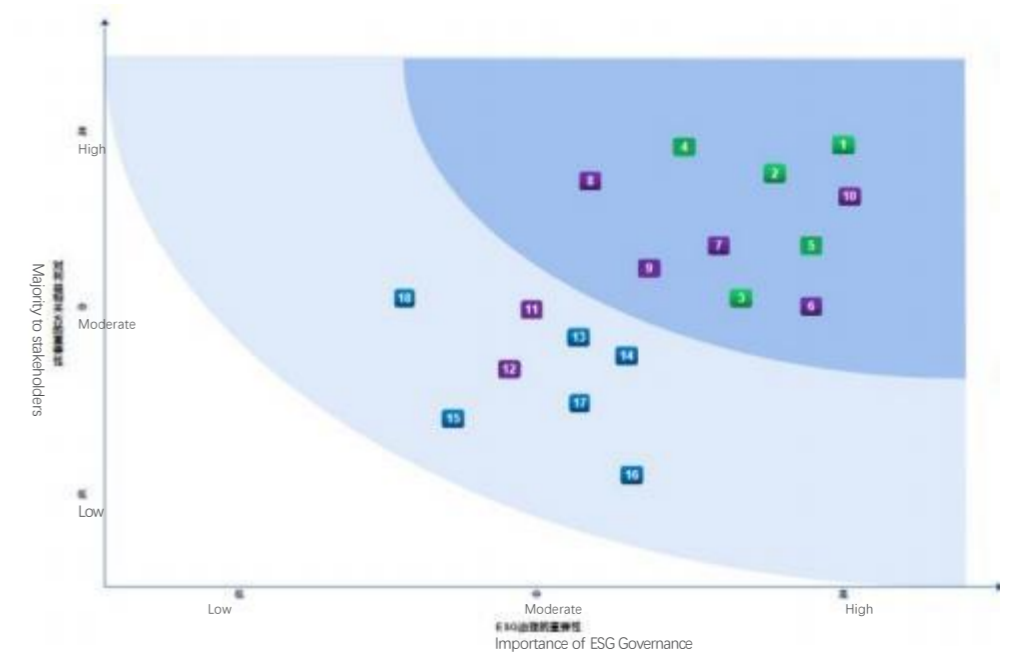
为了解利益相关方对内蒙古创新轻量化新材料有限公司的可持续发展方面的关注点和期望，并确定创新轻量化当前阶段的可持续发展实质性议题以及 2023 年度可持续发展报告的实质性内容；公司通过与利益相关方的沟通，深入了解他们所关注的可持续发展议题。同时，公司通过对全球政治、经济、法律与社会发展的态势分析，并结合公司运营战略、发展方针、业务结构等，对可持续发展治理议题进行综合分析及评估。

公司以对经济、环境和社会影响的重要性作为横坐标，以对利益相关方评估和决策作为纵坐标，绘制内蒙古创新轻量化新材料有限公司的实质性议题矩阵图。

In order to understand the concerns and expectations of stakeholders on the sustainable development of Inner Mongolia Innovation Light Weight New Materials Co., Ltd and to determine the substantive issues of sustainable development of Inner Innovation Light Weight at the current stage as well as the substantive contents of Sustainability Report in 2023; the company has gained an in-depth understanding of the sustainable development issues of concern to the stakeholders

through communication with them. At the same time, the company conducted a comprehensive analysis and assessment of sustainability governance issues by analyzing the global political, economic, legal and social development dynamics and combining them with the company's operational strategy, development policy and business structure.

The company uses the importance of the economic, environmental and social impacts as the horizontal coordinate, and the assessment of stakeholders and decision-making as the vertical coordinate, to draw the materiality issue matrix of Inner Mongolia Innovation Light Weight New Materials Co., Ltd as follows:



- 环境议题
- 1 环境管理
- 2 能源管理
- 3 水资源管理
- 4 污染防治
- 5 温室气体管理

- Environmental Issues
- 1 Environmental Management
- 2. Energy management
- 3 Water Resources Management
- 4 Pollution Prevention and Control
- 5 Greenhouse Gas Management

- 社会话题
- 6 员工权益
- 7 多元化与平等
- 8 薪酬福利
- 9 民主管理
- 10 职业健康安全
- 11 员工发展
- 12 社会责任

- Social issues
- 6 Employee Rights and Interests
- 7 Diversity and Equality
- 8 Compensation and Benefits
- 9 Democratic Governance
- 10 Occupational Health and Safety
- 11. Employee development
- 12 Social responsibility

- 治理议题
- 13 内控体系
- 14 商业道德
- 15 信息安全
- 16 研发创新
- 17 客户服务
- 18 供应商管理

- Governance issues
- 13 Internal Control System
- 14 Business Ethics
- 15. Information security
- 16 R&D Innovation
- 17 Customer Service
- 18 Supplier Management

夯实 公司治理

Compacting
Governance



Governance policy 治理方针

高效务实 开拓创新。

本公司追求高效和务实的运营方式，以提高生产效率和降低成本，同时确保质量和安全。鼓励创新思维和技术创新，以推动公司持续发展和行业进步。

- 采用精益生产和持续改进方法，提高生产效率。
- 定期评估和优化供应链管理，降低成本。
- 确保生产过程的安全性，减少事故和故障。
- 投资研发，推动新技术和新产品的开发。
- 建立创新文化，鼓励员工提出创新想法。
- 与科研机构 and 行业伙伴合作，共享知识和资源。

Efficient and pragmatic, pioneering and innovative.

The company pursues an efficient and pragmatic way of operating to improve production efficiency and reduce costs while ensuring quality and safety. Encourage innovative thinking and technological innovation to promote the company's sustainable development and industry progress.

- Adopt lean manufacturing and continuous improvement methods to increase production efficiency.
- Regularly evaluate and optimize supply chain management to reduce costs.
- Ensure the safety of the production process and reduce accidents and breakdowns.
- Invest in R&D to drive the development of new technologies and products.
- Establish a culture of innovation and encourage employees to come up with innovative ideas.
- Collaborate with research institutions and industry partners to share knowledge and resources.

Internal Control System 内控体系

创新轻量化属于集团上市系统范围，严格遵守内控管理制度，集团公司审计部门每年对创新轻量化财务部门业务进行审计，审计内容包括会计凭证、成本核算、业务审批流程、货币资金、存货盘点、销售及运费台账、采购台账登记情况以及上报总部的各种报表。经审计，企业财务完全按照企业会计准则的规定，公允反映公司正常经营情况。

Innovation Light Weight belongs to the group's listed system and strictly abides by the internal control management system. The audit department of the group company audits the business of the financial department of Innovation Light Weight every year, which includes accounting documents, cost accounting, business approval process, monetary assets, inventory counts, sales and freight ledger, registration status of purchase ledger, and various statements submitted to the headquarter. As audited, the normal operations of the Company are fairly presented in the enterprise finances fully complied with the provisions of accounting standards for business enterprises.

公司高度重视内部控制及体系建设。为规范公司管理体系内部审核，公司制定并发布了《内部审核控制程序》。根据这一程序，首先由管理者策划公司管理体系审核计划纲要，然后任命审核组长，并成立相应的审核组；审核组长负责根据《内部审核控制程序》的规定，准备和实施内部审核，并向管理者代表提交审核报告。此外，每年年初，管理者代表还需要编制一份年度审核计划表，以进一步确保内部审核的有效性。

The company attaches great importance to internal control and system construction. In order to standardize the internal audit of the company's management system, the company has formulated and issued the Internal Audit Control Procedures. According to this procedure, firstly, the manager plans the outline of the audit plan of the company's management system, then appoints the audit team leader and establishes the corresponding audit team; the audit team leader is responsible for the preparation and implementation of the internal audit according to the provisions of the Internal Audit Control Procedure and submits the audit report to the manager's representative. In addition, at the beginning of each year, the management representatives are required to prepare an annual audit schedule to further ensure the effectiveness of internal audits.

公司为验证其建立的管理体系程序是否有效实施并保持，制定了《内部审核控制程序》，以确保在管理体系的运作过程中，及时发现问题并采取纠正和预防措施加以改进。

The company has formulated the Internal Audit Control Procedures in order to verify whether the management system procedures it has established are effectively implemented and maintained, so as to ensure that problems are promptly identified and corrective and preventive measures are taken to improve the operation of the management system.

同时，为了确保组织的内部管理体系、流程和程序符合规定标准和要求，公司制定了《内部体系审核程序》。该程序由体系科主导，安环处负责组织实施，适用于公司内部环境管理体系审核。公司的管理体系审核每年至少进行一次，但在发生重大变更或发生重大顾客投诉、重大环境事故、重大环保质量事故以及最高管理层要求，可安排不定期审核；此外，公司每年的内部审核应把能源体系涉及的部门和要素覆盖至少一次。

创新轻量化 2023 年度未接受过任何政府机构或相关单位的处罚。

Meanwhile, in order to ensure that the organization's internal management system, processes and procedures are in line with the prescribed standards and requirements, the company has established the Internal System Audit Procedures. The procedure is led by the System Office, and the Safety and Environment Department is responsible for organizing and implementing it, which is applicable to the internal environment management system audit of the company. The company's management system audit shall be conducted at least once a year, but in the event of major changes or occurrence of major customer complaints, major environmental accidents, major environmental quality accidents, and at the request of the top management, an unscheduled audit may be arranged; in addition, the company's annual internal audit shall cover the departments and elements involved in the energy system at least once.

Innovation Light Weight was not penalized by any government agency or relevant unit in the year of 2023.

内部审核过程控制流程 Internal audit process control flow



Construction of Business Ethics

商业道德建设

一直以来，创新轻量化始终坚持树立诚信正直的企业形象。通过不断完善制度、强化监督、加强教育培训等措施，不断强化商业道德建设，营造“诚信、诚实、公开公平、可靠合规、廉洁自律”的企业文化氛围。同时，公司秉承“标本兼治、综合治理、惩防并举、注重预防”的原则，积极推动反腐败和反商业贿赂管理体系的建设，从而有助于积极推动构建廉洁、透明的商业社会，打造公平公正的商业竞争环境。

Innovation Light Weight has always insisted on establishing the corporate image of honesty and integrity. Through continuous improvement of the system, strengthening of supervision, and enhancement of education and training, we are constantly strengthening the construction of business ethics and creating a corporate culture of " integrity, honesty, openness and fairness, reliability and compliance, and cleanliness and self-discipline" . At the same time, the company adheres to the principle of "treating both the symptoms and the root causes, comprehensive management, punishing and preventing, and focusing on prevention", and actively promotes the construction of anti-corruption and anti-commercial bribery management system, which helps to actively promote the construction of a corruption-free and transparent business society and create a fair and just business competition environment.

为了密切关注买卖双方的业务合作关系，共同促进各自的业务发展和廉政建设，保证双方在业务交往活动中做到诚信、廉洁、高效和共赢，公司制定了招投标及商业业务廉政协议书，买卖双方在合作过程，均需自觉遵守国家法律，并按照《中华人民共和国反不正当竞争法》《关于禁止商业贿赂行为的暂行规定》《中华人民共和国招标投标法》以及其他相关法律法规及有关规定严格执行项目协议文件，自觉按协议办事；同时，公司积极开展廉政教育，监督并认真查处违法违纪行为；在招标过程中如有违反廉政纪律的行为，可向对方有关部门投诉和举报。

In order to pay close attention to the business cooperation relationship between buyers and sellers, jointly promote their business development and integrity building, and to ensure that both parties achieve honesty, integrity, high efficiency and win-win situation in business activities, the company has formulated an agreement on bidding and commercial business integrity, that both purchaser and seller should abide by Law of the People's Republic of China on Bidding and Tendering, Provisional Provisions on Prohibition of Commercial Bribery, and other relevant laws, regulations and provisions of the strict implementation of the project agreement documents, and consciously act in accordance with the agreement; at the same time, the company actively carries out honesty education, monitoring and seriously investigate and deal with violations of laws and disciplinary actions; any violation of the act of honesty and integrity discipline during the bidding process can be the other side of the relevant departments of the complaints and reports.

在合作过程中，买卖双方不得以任何方式索要和收受或变相收受回扣、贿赂等不正当利益；不得参加影响公正执行公务的宴请、娱乐和旅游等消费活动；不得进行其他非正常工作关系以外的违反国家政策、法律法规的活动。卖方在与买方业务交往中，如确保了产品质量、价格和服务，并抵制了买方工作人员的不正当要求，在今后相关经济活动中将优先参与投标。

报告期内，公司未发生已证实的贪污腐败事件。

In the course of cooperation, buyers and sellers are not allowed to ask for and receive or accept in any way, or in disguised form, kickbacks, bribes and other improper benefits; not to participate in consumption activities such as banquets, entertainment and tourism that affect the fair execution of official duties; and not to engage in other activities outside the normal working relationship that violate the state policies, laws and regulations. In its business dealings with the buyer, the seller will be given priority in bidding for future relevant economic activities if it has ensured the quality of its products, prices and services and resisted improper demands from the buyer's staff .

During the reporting period, there were no confirmed incidents of corruption in the company.

Business Ethics Performance Checklist 商业道德绩效一览表

指标 Indicator	单位 Unit	2023- 2024
商业道德总培训次数 Total number of business ethics trainings	次 Times	12
商业道德总培训人次 Total number of personnel in business ethics trainings	人次 Person-time	200
商业道德人均培训时数 Business ethics training hours per person	小时 Hours	2
商业道德培训覆盖率（所有员工） Business ethics training coverage (for all employees)	%	100
商业道德培训 - 高级管理人员 Business ethics training - senior management	人次 Person-time	24
商业道德培训 - 高级管理人员培训率 Business ethics training - senior management training rate	%	100
商业道德培训 - 一线员工人次 Business ethics training - number of frontline staff	人次 Person-time	162
商业道德培训 - 一线员工培训率 Business ethics training - frontline staff training rate	%	100

关爱 员工成长

Caring for
Employees'
Growth



Talent Expansion 人才拓展

创新轻量化用人要求：德为先，品为上，先做人，后做事，德才兼备。

Innovation Light Weight Employment Requirements: Virtue First, Character First, Be-have First, Do Things Later, Virtue and Talent.

人才是企业之本、竞争之本。创新轻量化秉承以人为本的企业经营理念，将人才视为企业第一资源，把依靠人才作为企业发展的根本前提，把尊重人才作为企业发展的根本准则，把推进企业和员工共同发展作为人才战略的根本任务，坚持用广阔的发展前景凝聚人，用美好的事业目标激励人。

Talent is the basis of enterprise development and competition. Innovation Light Weight adheres to Human 's enterprise management concept, regards talents as the first resource of the enterprise, takes relying on talents as the fundamental premise of enterprise development, respects talents as the fundamental guideline of enterprise development, takes promoting common development of the enterprise and the staff as the fundamental task of the talent strategy, insists on cohesion of the people with broad development prospects, and in-spires the people with beautiful career goals.

在人力资源实践活动中，创新轻量化善于为各类人才提供充分施展才华的舞台，做到人尽其才，才尽其用。同时，为优化公司人力资源配置，为公司持续稳定发展提供人力资源保障，公司通过各种有效途径，不断提高企业人力资源管理水平和人才的综合素养，促进企业与员工的互相发展，并让员工分享企业发展成果，实现共同发展；此外，公司还制定了《员工招聘管理制度》，明确和规范公司的招聘原则和操作流程，并保证公司的招聘应遵循以下原则：

In the practice of human resources activities, Innovation Light Weight is good at providing all kinds of talents with a stage to fully display their talents, so as to make the best use of them. At the same time, in order to optimize the allocation of human resources and provide human resources protection for the company's sustainable and stable development, the company continuously improves the level of human resources management and the comprehensive quality of talents through various effective ways, promotes the mutual development of the enterprise and the staff, and lets the staff share the fruits of the enterprise's development to achieve common development; in addition, the company has formulated the "Employee Recruitment Management System", which clarifies and standardizes the company's recruitment principles and operating procedures, and to ensure that the company's recruitment follow the principles:

——机会均等原则：在公司出现职位需求时，公司员工享有和外部应征者一样的应征机会；

——Equal opportunity: When there is a demand for a position in the company, employees shall enjoy the same opportunity to apply for the position as external applicants;

——全面考察和重点考察相结合的原则：招聘需由用人部门和人力资源部门从知识、能力、技能、品德、经验、健康状况、岗位胜任力等方面共同进行考察，同时重点考察和公司战略、业务和文化密切相关的技能、素质和品性、德才兼备，真正做到按需录用、量才录用、任人唯贤；

——Combining comprehensive inspection and key inspection: Recruitment needs to be jointly investigated by the hiring department and the human resources department in terms of knowledge, ability, skills, character, experience, health, job competence, etc., and focusing on skills, qualities and characters closely related to the company's strategy, business and culture, virtues, talents and qualities, so that the employees meet our demands and need of skills and can be appointed based on their merits;

——公平竞争与择优录用原则：所有应聘人员处于公平竞争地位，同时根据面试评估结果择优录用；

——Fair competition and merit: all applicants are in a fair competition, while we hire them based on the results of the interview and evaluation;

——人岗匹配原则：所录用的人员能力须与职位需求保持一致，达到人岗匹配的目的。

——Person-to-post matching principle: The ability of the hired personnel shall be consistent with the job requirements to achieve the purpose of person-to-post matching.

Employee right and benefit 员工权益



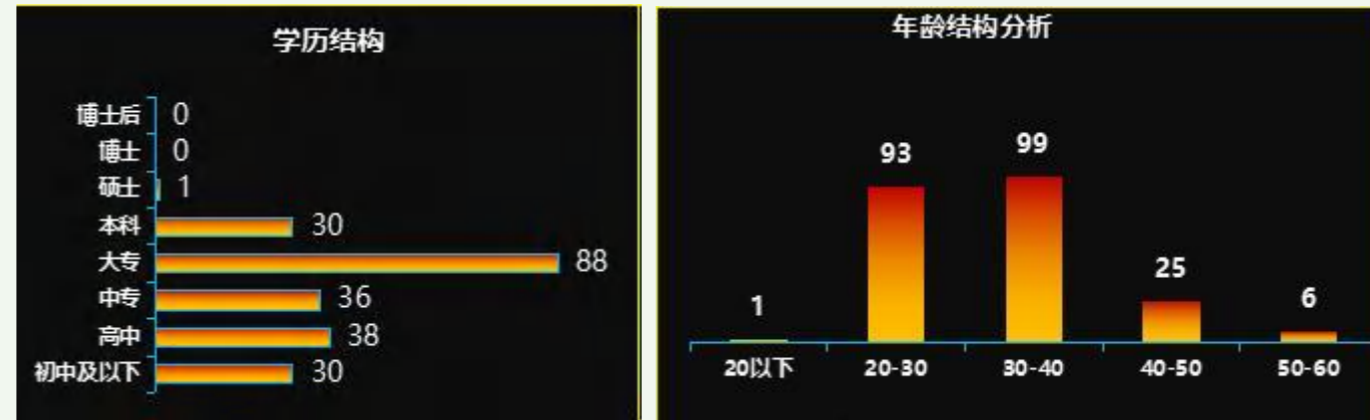
公司严格遵守国家雇佣及劳工权益保障的相关法律法规，不断规范劳动用工管理，切实维护劳动者合法权益，坚决反对使用童工与强迫员工劳动，禁止就业歧视，严格执行国家关于性别、年龄、民族等方面政策。公司积极创造条件保障员工法定权利的实现，依法为员工办理养老、医疗、失业、工伤、生育等社会保险，按规定缴纳社会保险费。

The company strictly abides by the relevant laws and regulations of the state on employment and protection of labor rights and interests, continuously standardizes labor management, effectively protects the legitimate rights and interests of workers, resolutely opposes the use of child labor and forced labor of employees, prohibits employment discrimination, and strictly implements the state policies on gender, age, ethnicity and other aspects. The company actively creates conditions to ensure the realization of employees' legal rights, and provides employees with social insurance for pension, medical, unemployment, work-related injury, maternity, etc., and pays social insurance premiums according to regulations.



员工结构

公司不断优化员工结构，截止目前，在岗员工总数224人，40岁以下员工占比达86.16%，大专及以上学历员工占比达52.68%。
Up to now, the company has a total of 224 employees, 86.16% of whom are under the age of 40, and 52.68% of whom have a college degree or above.



薪酬管理

公司结合企业效益、物价上涨等多种因素，对员工薪酬水平进行动态调整，保障员工劳动成果，具体实行以岗位绩效工资分配为主，奖金、福利等多种分配方式并存的薪酬分配机制，岗位绩效工资由基本工资、加班工资、绩效工资、工龄工资、其他补助五部分组成，多维度维护员工合法权益。

In combination with various factors such as enterprise efficiency and rising prices, the company makes dynamic adjustments to employees' salary levels to ensure employees' labor achievements. Specifically, it implements a salary distribution mechanism based on post performance pay distribution with multiple distribution methods such as bonus and welfare co-existing. Post performance pay consists of five parts: basic pay, overtime pay, performance pay, seniority pay and other subsidies. Safeguard the legitimate rights and interests of employees in multiple ways.

Employee training 员工培训



创新轻量化致力于打造学习型企业，根据公司发展前景和生产需要有计划地组织员工开展多样化培训，保障培训工作开展的针对性、多样性、实效性。采取“课堂讲授、现场操作、网络学习和工作轮岗”等多种的培养形式，持续推进员工学习成长逐步规范化、常态化，全方位赋能员工发展，夯实人才队伍建设，助力员工与企业共同成长。

Innovative lightweight is committed to building a learning enterprise, according to the company's development prospects and production needs to organize employees to carry out diversified training, to ensure that the training work is targeted, multi-sample, and effective. Adopt a variety of training forms such as "classroom teaching, on-site operation, network learning and job rotation", continue to promote the gradual standardization and normalization of staff learning and growth, enable staff development in an all-round way, consolidate the construction of talent team, and help employees grow together with the enterprise.



案例：课堂讲授、现场操作的培养模式



轻量化培训时间轴 Lightweight training time axis

2023年公司以内部培训为主，针对各部门开展专项培训，培训课程主要包括：岗位技能培训、生产质量培训、安全生产、环保培训、法律法规等。

In 2023, the company focuses on internal training, and carries out special trainings for various departments. The training courses mainly include: job skills training, production quality training, production safety, environmental protection training, laws and regulations, etc.

● 培训内容: NC、OA系统操作
培训对象: 各部门主管统计
培训方式: 内部培训
培训考核: 现场提问
参训人数: 4

1月
Jan

● 培训内容: ISO9001标准、IATF16949标准、AS9100D标准
培训对象: 各部门主管
培训方式: 外聘
培训考核: 现场提问
参训人数: 10

2月
Feb

● 培训内容: 物料编码查询与申请
培训对象: 各部门主管
培训方式: 内部培训
培训考核: 现场提问
参训人数: 4

● 培训内容: 采购基本业务流程
培训对象: 公司所有计划提报人及财务、库房
培训方式: 内部培训
培训考核: 现场提问
参训人数: 13

3月
Mar

● 培训内容: IATF16949内审员培训
培训对象: 全体内审员
培训方式: 外聘
培训考核: 现场提问
参训人数: 10

● 培训内容: 物资请购与查询
培训对象: 各部门主管统计
培训方式: 内部培训
培训考核: 现场实践
参训人数: 4

● 培训内容: 财务服务流程及公司财务制度程序
培训对象: 全体员工
培训方式: 内部培训
培训考核: 现场提问
参训人数: 8

4月
Apr

● 培训内容: 顾客特定要求识别管理培训
培训对象: 技术部、生产部、质量部、营销部
培训方式: 内部培训
培训考核: 现场提问
参训人数: 15

● 培训内容: 仓库验收管理制度
培训对象: 各部门主管统计
培训方式: 内部培训
培训考核: 现场提问
参训人数: 11

● 培训内容: 借款流程与管理程序
培训对象: 全体员工
培训方式: 内部培训
培训考核: 现场提问
参训人数: 8

5月
May

● 培训内容: 材料出库流程
培训对象: 各部门主管统计
培训方式: 内部培训
培训考核: 现场操作
参训人数: 12

● 培训内容: 出差报销标准及补助程序
培训对象: 全体员工
培训方式: 内部培训
培训考核: 现场提问
参训人数: 15

● 培训内容: QES、QC内审员培训
培训对象: 全体内审员
培训方式: 外聘
培训考核: 现场提问
参训人数: 10

6月
Jun

● 培训内容: 以旧换新管理制度
培训对象: 各部门主管统计
培训方式: 内部培训
培训考核: 现场提问
参训人数: 9

● 培训内容: 财务部门组织架构及人员信息程序
培训对象: 全体员工
培训方式: 内部培训
培训考核: 现场提问
参训人数: 13

● 培训内容: 出差管理制度
培训对象: 全体员工
培训方式: 内部培训
培训考核: 现场提问
参训人数: 11

轻量化培训时间轴
Lightweight training time axis

7月
Jul

- 培训内容: 员工宿舍管理规范
培训对象: 全体员工
培训方式: 内部培训
培训考核: 现场提问
参训人数: 12
- 培训内容: 全面预算管理程序
培训对象: 全体员工
培训方式: 内部培训
培训考核: 现场提问
参训人数: 7
- 培训内容: 工器具管理制度
培训对象: 各部门主管统计
培训方式: 内部培训
培训考核: 实际操作
参训人数: 10

8月
Aug

- 培训内容: 材料提报要求
培训对象: 公司所有计划提报人
培训方式: 内部培训
培训考核: 现场提问
参训人数: 12
- 培训内容: 过程审核相关内容
培训对象: 全体内审员
培训方式: 外聘
培训考核: 现场提问
参训人数: 10
- 培训内容: 票据审核标准
培训对象: 全体员工
培训方式: 内部培训
培训考核: 现场提问
参训人数: 8
- 培训内容: 考勤管理制度
培训对象: 全体员工
培训方式: 内部培训
培训考核: 现场提问
参训人数: 10
- 培训内容: 废旧物资管理流程
培训对象: 各部门主管统计
培训方式: 内部培训
培训考核: 实际操作
参训人数: 10

9月
Sep

- 培训内容: 离职管理制度
培训对象: 全体员工
培训方式: 内部培训
培训考核: 现场提问
参训人数: 10
- 培训内容: 常见的挤压缺陷以及控制方法
培训对象: 质量部、生产部
培训方式: 内部培训
培训考核: 现场提问
参训人数: 8
- 培训内容: 日常费用管理相关规定
培训对象: 全体员工
培训方式: 内部培训
培训考核: 现场提问
参训人数: 8

10月
Oct

- 培训内容: 挤压生产计划及排产规则
培训对象: 全体员工
培训方式: 内部培训
培训考核: 书面考核
参训人数: 2
- 培训内容: 物流基本业务流程
培训对象: 全体员工
培训方式: 内部培训
培训考核: 现场提问
参训人数: 10
- 培训内容: 报销票据整理及粘贴要求
培训对象: 全体员工
培训方式: 内部培训
培训考核: 现场提问
参训人数: 8

11月
Nov

- 培训内容: 财务整体框架集权管理概念
培训对象: 各部门主管
培训方式: 内部培训
培训考核: 现场提问
参训人数: 8

12月
Dec

- 培训内容: 主营业务设计的税种和要求
培训对象: 各部门主管
培训方式: 内部培训
培训考核: 现场提问
参训人数: 8





员工活动 Employee activity

体育活动: 公司积极组织举办了篮球比赛、羽毛球球比赛、拔河比赛等体育活动, 丰富员工生活, 加强员工身体锻炼, 促进员工健康发展。

Sports activities: The company actively organized basketball competition, badminton competition, tug of war competition and other sports activities to enrich the life of employees, strengthen the physical exercise of employees, and promote the healthy development of employees.



Employee communication 员工沟通



为维护员工合法权益，加强企业内部沟通，构建和谐劳动关系，公司采取多元化沟通渠道，搜集员工诉求，建立《信息交流与沟通控制程序》、《信息交流协商与参与控制程序》倾听员工建设性的建议和生活中所遇到的困难。员工可通过微信、电话、走访等形式自下而上地向公司提出诉求，公司将对员工反映的情况及诉求进行处理，构建良性沟通关系。

In order to protect the legitimate rights and interests of employees, strengthen internal communication of the enterprise, and build harmonious labor relations, the company adopts diversified communication channels, collects employees' demands, and establishes the Information Exchange and Communication Control Procedures, Information Exchange, Negotiation and Participation Control Procedures to listen to employees' constructive suggestions and difficulties encountered in life. Employees can appeal to the company from the bottom up through WeChat, telephone, visitation and other forms. The company will deal with the situation and demands reflected by employees and build a benign communication relationship.

公司建立《组织工会的自由和集体谈判权利管理控制程序》、《工会管理制度》等，不定期开展员工满意度调查，营造畅所欲言的沟通氛围，让公司管理层能倾听一线声音，听取员工的意见与建议，提高员工的满意度，增强团队凝聚力。

The company has established the "Free and Collective Negotiation Rights Management Control Procedure for Organizing Trade Unions", "Trade Union Management System", etc., and conducts employee satisfaction surveys from time to time to create a communication atmosphere that allows the company's management to listen to the front-line voices, listen to employees' opinions and suggestions, improve employee satisfaction, and enhance team cohesion.



Health and Safety 健康与安全

职业健康 Occupational health



GB/T45001-2020/ISO145001:2018认证

The company's occupational health and safety system GB/T45001-2020/ISO45001:2018 certification

内蒙古创新轻量化新材料有限公司关注员工职业健康管理工作，始终坚持“预防为主、防治结合”的方针，遵循《中华人民共和国职业病防治法》等法律法规，建立职业病监测、防护、培训等职业健康防治体系，设立员工职业健康监护档案，保障员工健康。

Inner Mongolia Innovation Lightweight New Materials Co., Ltd. pays attention to the occupational health management of employees, always adheres to the policy of "prevention first and prevention combined", follows the Law of the People's Republic of China on the Prevention and Control of Occupational diseases and other laws and regulations, establishes occupational health prevention and control systems such as occupational disease monitoring, protection and training, and sets up employee occupational health monitoring files to protect the health of employees.



安全生产 Safety in production

内蒙古创新轻量化新材料有限公司秉持“以人为本”理念，始终将员工的安全放在第一位。公司严格遵守《中华人民共和国安全生产法》等法律法规，积极预防、控制和消除各类安全隐患，从安全管理体系建设、隐患辨识及防范、安全培训等方面严格管控风险，降低员工作业风险，防范事故发生，保障员工生命安全。

Inner Mongolia Innovative Lightweight New Materials Co., Ltd. upholds the concept of "people-oriented" and always puts the safety of employees in the first place. The company strictly abides by the "Production Safety Law of the People's Republic of China" and other laws and regulations, actively prevents, controls and eliminates all kinds of safety risks, strictly controls risks from the aspects of safety management system construction, hidden danger identification and prevention, safety training, etc., reduces the risks of employees' operations, prevents the occurrence of safety accidents, and guarantees the safety of employees.



Work Safety Month 安全生产月

2023年6月是我国第二十二个“安全生产月”，主题是“人人讲安全、个个会应急”，为深入贯彻习近平总书记关于安全生产重要论述，公司成立安全生产月领导小组，积极开展“安全生产月”活动。

In June 2023, it was the 22nd "Safety Production Month" in our country. The theme was "Everyone Talks about Safety, Everyone Knows How to Respond in Emergencies". In order to deeply publicize and implement General Secretary Xi Jinping's important discourse on safety production, the company established a leading group for the Safety Production Month and actively carried out activities for the "Safety Production Month".

Case 1: Launching the Company's work safety month activities

案例 1：启动公司安全生产月活动

案例一：2023年6月1日，公司安环部、各车间部门通过各种方式，传达学习公司安全生产月重点活动实施方案，召开公司安全生产月活动启动签字仪式，动员全体员工参与，结合本单位实际进行安全部署，明确各自重点任务及责任分工。在生产现场、厂区主道路等醒目位置，张贴或悬挂安全标语、横幅等，全面开展安全宣传活动，营造安全生产月活动氛围。

Case One: On June 1st, 2023, the Safety and Environmental Protection Department of the company and various workshop departments conveyed and studied the key activity implementation plan for the company's Safety Production Month through various methods. They held the signing ceremony for the launch of the company's Safety Production Month activities, mobilized all employees to participate, made safety arrangements based on the actual situation of each unit, and clarified their respective key tasks and responsibility divisions. Safety slogans and banners were posted or hung in prominent positions such as the production site and the main roads of the factory area to fully carry out safety publicity activities and create an atmosphere for the Safety Production Month activities.



案例 2：开展《天然气泄漏事故应急疏散与逃生》演练活动

Case 2: Conduct the drill activity of "Emergency Evacuation and Escape in Case of Natural Gas Leakage Accident"

案例二：2023年6月14日，组织生产一线员工开展了《天然气泄漏事故应急疏散与逃生》演练活动，旨在检验《生产安全事故专项应急预案》的实用性和可操作性，查找、进而完善应急预案中存在的问题，提高应急预案的实用性、可操作性；普及应急管理知识，掌握事故汇报程序和紧急疏散流程，学会使用正压式空气呼吸器和心肺复苏急救法；通过参加演练，总结经验教训，提高相关人员应对突发事件的应对能力，加强各部门应急演练组织工作的交流，为事前预防，打下了坚实的基础。

Case 2: On June 14, 2023, front-line production employees were organized to carry out the drill activity of "Emergency Evacuation and Escape in Case of Natural Gas Leakage Accident", aiming to test the practicability and operability of the "Special Emergency Plan for Production Safety Accidents", find and then improve the problems existing in the emergency plan, and enhance the practicability and operability of the emergency plan; popularize knowledge of emergency management, master the accident reporting procedures and emergency evacuation processes, and learn to use positive pressure air respirators and cardiopulmonary resuscitation first aid methods; through participating in the drill, summarize experiences and lessons, improve the response capabilities of relevant personnel in dealing with emergencies, strengthen the communication of emergency drill organization work among various departments, and lay a solid foundation for prevention in advance.

案例 3：举办安全生产知识竞赛活动

Case 3: Organize the Activity of Safety Production Knowledge Contest

案例三：2023年6月29日，组织公司员工开展了“安全猜猜猜”活动，参与人员站成一排，根据屏幕显示的安全警示标志及安全相关图片猜出相关安全标志内容，在轻松愉悦的氛围中增强职工安全意识，学习安全相关知识，从而减少或避免各类安全事故的发生。

Case 3: On June 29, 2023, the company's employees were organized to carry out the "Safety Guess Guess" activity. The participants stood in a row and guessed the contents of the relevant safety signs according to the safety warning signs and safety-related pictures displayed on the screen. In a relaxed and pleasant atmosphere, the safety awareness of employees was enhanced, and safety-related knowledge was learned, thereby reducing or avoiding the occurrence of various safety accidents.



共创 长期价值

Creating
long-term
value together

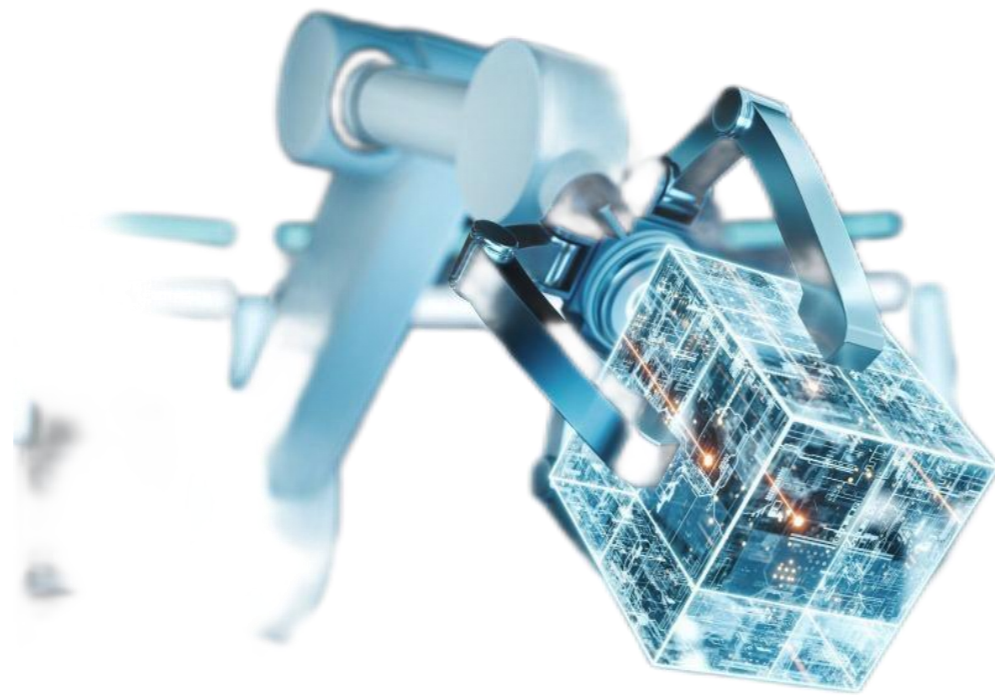


R&D Innovation 研发创新

Promoting Innovation Culture 推进创新文化

在科技创新和研发管理方面，公司积极建立创新文化，秉持“人尽其才、用人唯贤”的理念来选拔和任用人才。此外，公司还通过多种形式和途径，鼓励员工积极参与创新活动，激发他们的创新热情和积极性。公司推崇创新思维，鼓励员工挑战传统、开拓未知领域、尝试新鲜事物。同时，公司积极为员工搭建成长平台，培养员工的创新能力和团队合作精神。

In terms of scientific and technological innovation and R&D management, the Company actively establishes an innovative culture and upholds the concept of "making the best use of talents and employing only the best people" to select and appoint talents. In addition, the Company also encourages employees to actively participate in innovation activities through a variety of forms and ways to stimulate their enthusiasm and enthusiasm for innovation. The Company promotes innovative thinking and encourages its employees to challenge traditions, explore unknown fields and try new things. Meanwhile, the Company actively builds a growth platform for its employees to cultivate their innovative ability and teamwork spirit.



R&D Innovation Management 研发创新管理

创新轻量化始终坚持创新是企业可持续发展的源动力，通过明确企业的核心竞争力和未来的发展方向，持续跟踪技术研究的前沿，了解最新的科学和工程进展，制定适合自身的创新战略，以增强核心竞争力，实现企业的长期发展目标，志在成为国内领先的汽车铝合金产品开发商和制造商。

Innovation Light Weight always adheres to innovation as the source power of its sustainable development, and aspires to become a leading developer and manufacturer of automotive aluminium alloy products in China by defining its core competitiveness and future development direction, continuously tracking the frontiers of technological research, learning about the latest scientific and engineering advances, and formulating an innovation strategy that suits its own needs in order to enhance its core competitiveness and achieve its long-term development goals.

公司不断整合内部研发创新资源，加大技术研究和开发投入，制定科技研究和开发方案，合理分配资金和资源，为技术研究和开发提供必要的支持。同时，公司通过合作、共享等方式尝试寻求更多的创新和研发资源。此外，公司不断推进外部创新与合作，在当今全球化、开放化的大环境下，国际化合作和国内外专家的共同研究可以促进科技创新和研发管理的进一步发展。企业通过技术峰会、合作研发、技术中心等途径与外部力量合作，加速企业的技术迭代和创新升级。

The Company continuously integrates internal R&D and innovation resources, increases investment in technological research and development, formulates scientific and technological research and development programs, and reasonably allocates funds and resources to provide necessary support for technological research and development. Meanwhile, the Company tries to seek more innovation and R&D resources through cooperation and sharing. In addition, the Company continuously promotes external innovation and cooperation. In today's globalized and open environment, international cooperation and joint research by domestic and foreign experts can promote further development of scientific and technological innovation and R&D management. The Company cooperates with external forces through technology summits, cooperative R&D, and technology centers to accelerate its technology iteration and innovation upgrading.

Quality Assurance 品质保证

创新轻量化高度重视质量管理体系建设，始终秉承“质量为本、持续改进、遵章守法、服务顾客”的质量方针，致力于为客户提供优质的产品与服务体验。

Innovation Light Weight attaches great importance to the construction of quality management system, always adhering to the quality policy of "quality-oriented, continuous improvement, compliance with laws and regulations, and customer service", and is committed to providing customers with high-quality products and service experience.

公司质量目标为：挤压综合成品率：≥90%
挤压制程报废率：≤2%
产品出厂合格率：100%；
产品交货及时率：100%
客户投诉次数：≤2次/月
顾客满意度调查平均分：≥90分

Extrusion Comprehensive Finished Product Rate: ≥90%
Extrusion Process Scrap Rate: ≤2%
Product Factory Qualification Rate: 100%;
Product Delivery Time Rate: 100%
Customer Complaints: ≤2/month
Customer Satisfaction Survey Average Score: ≥90

为了建立和完善公司的管理体系，实现公司的管理方针和管理目标，促进公司的可持续发展，公司根据 ISO 9001 质量管理体系要求，制定了《系统管理手册》，此手册应用于市场开发、订单审核、产品质量先期策划、过程设计、采购、生产、检验、交付和服务等各个阶段。报告期内，公司已通过 ISO 9001: 2015 质量管理体系认证和 IATF 16949: 2016 汽车质量管理体系认证。

In order to establish and improve its management system, realize its management policy and management objectives, and promote its sustainable development, the Company has formulated the System Management Manual according to the requirements of ISO9001 Quality Management System, and this manual is applied to all stages of market development, order review, product quality advance planning, process design, purchasing, production, inspection, delivery, and service. During the reporting period, the Company has passed ISO9001:2015 quality management system certification and IATF16949:2016 automotive quality management system certification.

Product quality 产品质量

创新轻量化持续提升质量管理体系水平。为确保产品质量的稳定性和合规性，公司制定了《检验过程控制程序》和《不合格品过程控制程序》，其涵盖了从原材料采购到生产再到最终交付的各个环节，旨在监控和管理产品质量，以便及时处理不合格品，满足客户的高标准要求。

Innovation Light Weight continuously improves the level of quality management system. In order to ensure the stability and compliance of product quality, the Company has formulated the Inspection Process Control Procedure and Nonconforming Product Process Control Procedure, which cover all aspects from raw material procurement to production to final delivery, aiming to monitor and manage product quality so as to deal with nonconformities in a timely manner and to meet the high standards of customers.



Customer Service

客户服务

创新轻量化一直秉承着“诚信务实，优质创新”的经营理念，积极维护客户合法权益并维护良好的客户关系。

Innovation Light Weight has been adhering to the business philosophy of "honesty and pragmatism, quality and innovation", actively safeguarding the legitimate rights and interests of customers, and through customer satisfaction surveys, product quality complaint tracking, and taking measures to improve the customer feedback mechanism, to establish and maintain good customer relations.

为确保对客户抱怨和反馈进行及时、专业和有效的处理，公司制定了《客户抱怨处理程序》和《顾客反馈过程控制程序》，以便公司能够更好地倾听客户的声音，发现问题，并采取适当的措施来改善产品和服务，以满足客户的需求和期望，提升客户满意度，并维护公司的声誉。

In order to ensure timely, professional and effective handling of customer complaints and feedback, the Company has formulated Specifications for Handling Customer Complaints and Customer Feedback Process Control Procedures so that the Company can better listen to customers' voices, identify problems, and take appropriate measures to improve its products and services in order to satisfy customers' needs and expectations, enhance customer satisfaction, and safeguard the Company's reputation.



客诉后的预防善后工作

- 1、二天内回复客户投诉问题点的8D报告。
 - 2、更新客户投诉统计表和客户投诉处理跟踪确认。
 - 3、工程部更新相关资料 (SOP、工程图，样板等),品质部更新SIP,制作不良看板，品质履历表等。
 - 4、培训各制程 IPQC,全检员, OQC及品质部所有的干部，并针对此问题点举一反三的横向展开至其他的型号，看有无存在类似的问题的发生几率。并做好培训记录和考核记录。
1. Reply to the 8D report of the customer's complaint problem point within two days.
 2. Update the customer complaint statistics form and customer complaint handling tracking confirmation.
 3. The engineering department updates relevant materials (SOP, engineering drawings, templates, etc.), the quality department updates SIP, makes bad billboards, quality resumes, etc.
 4. Train IPQC, full inspectors, OQC and all cadres of the Quality Department, and draw inferences horizontally to other models in response to this problem to see if there is a probability of similar problems. And do a good training record and assessment record.

Supplier Management

供应商管理

负责任采购方针

本公司致力于负责任的采购，不仅考虑供应商的道德、环境和社会方面（包括人权），还评估与供应商合作时避免助长冲突。负责任采购方法是参照铝业管理倡议绩效标准（ASI）制定，并引用经济与合作组织“受冲突影响和高风险地区矿产负责任供应链尽职调查指南”（以下简称“经合组织指南”）的五步框架。

本政策确立了采购活动中负责任采购的原则和指南，该政策适用于参与公司采购活动的管理层、相关员工及供应商。如果强制性法律与本政策所支持的原则发生冲突，应以法律为准。

Responsible Sourcing Policy

The Company is committed to responsible sourcing, not only considering the ethical, environmental and social aspects of its suppliers, including human rights, but also evaluating its cooperation with suppliers in ways that do not contribute to conflict. The responsible sourcing approach is based on the Aluminium Stewardship Initiative Performance Standards (ASI) and references the OECD's "Due Diligence Guidance for Responsible Supply Chains of Minerals from Conflict-Affected and High-Risk Areas" (the "OECD Guidance").

This policy establishes the principles and guidelines for responsible sourcing in procurement activities, and applies to management, relevant employees and suppliers involved in the company's procurement activities. In the event of a conflict between mandatory laws and the principles supported by this Policy, the law shall prevail.



供应商可持续发展管理

1 建立可持续的供应链管理体系

建立健全的供应链管理体系是可持续发展的关键所在。供应商应该将可持续发展纳入和整合到其供应链中，强化对其供应商和客户的可持续性要求，并确保其供应链的透明度和可追溯性。

Establishing a sound supply chain management system is the key to sustainable development. Suppliers should integrate sustainable development into their supply chains, strengthen the sustainability requirements for their suppliers and customers, and ensure the transparency and traceability of their supply chains.

2 注重环境保护

环境保护是可持续发展的核心内容之一。供应商应该采取措施来减少其生产和运输过程中的碳排放量，并努力降低耗水量和能源消耗量。此外，供应商还应该积极推动流程的优化和清洁生产技术的应用，从而减少对环境的不良影响。

Environmental protection is one of the core elements of sustainable development. Suppliers should take measures to reduce their carbon emissions in production and transportation, and strive to reduce water and energy consumption. In addition, suppliers should actively promote the optimization of processes and the application of cleaner production technologies to reduce the negative impact on the environment.

3 注重社会责任

社会责任是供应商在可持续发展过程中必须承担的重要使命。供应商应该注重职工的福利和安全，建立和完善员工培训和保障机制，同时也要和社区居民进行沟通 and 协商共同维护当地的和谐与稳定。

Social responsibility is an important mission that suppliers must undertake in the process of sustainable development. Suppliers should pay attention to the welfare and safety of employees, establish and improve employee training and security mechanisms, and also communicate and negotiate with community residents to jointly maintain local harmony and stability.

4 推动创新发展

创新是推动供应商可持续发展的重要动力。供应商应该不断探索新的技术和产品，并寻找创新的商业模式，以满足市场的不断变化和客户的不断挑战。

Innovation is an important driving force for the sustainable development of suppliers. Suppliers should constantly explore new technologies and products, and look for innovative business models to meet the changing market and the constant challenges of customers.

守护 美好环境

Guard the beautiful
environment



Environmental Management

环境管理

企业是市场经济的主体，也是环境保护的主体。打好污染防治攻坚战，解决好突出环境问题，任何企业都不能以侥幸与观望的心态逃避环境治理责任。对企业来说，治污 减排不仅仅是法律责任、社会责任，更是生存的现实需要。

Enterprises are not only the main body of the market economy, but also the main body of environmental protection. To wage a determined battle to prevent and control pollution and to solve the prominent environmental problems, no enterprise can shirk the responsibility of environmental governance with a fluke and wait-and-see mentality. For enterprises, pollution control and emission reduction are not only a legal and social responsibility, but also a practical need for survival.

创新轻量化高度重视环境保护工作并积极承担环境责任。公司严格遵守国家法律法规以及行业和地方的环保政策规定的同时，依循 ISO 14001 环境管理体系要求，建立《环境因素识别与评价控制程序》、《泄漏和渗漏管理程序》、《化学品与油品管理控制程序》等，不断强化和完善环境管理体系，以确保整体环境和管理体系能够持续改进；并积极建立相关管理制度，积极加强环境治理，以实现更高的环保标准和目标。

Innovation and lightweight attach great importance to environmental protection and actively assume environmental responsibility. While strictly complying with national laws and regulations and industry and local environmental protection policies and regulations, the company, in accordance with the requirements of the ISO 14001 environmental management system, establishes the "Procedures for the Identification and Evaluation of Environmental Factors", "Leakage and Leakage Management and Leakage Management Control Procedures", etc., to continuously strengthen and improve the environmental management system to ensure that the overall environmental and management system can be continuously improved; and actively establish relevant management systems and actively strengthen environmental governance to achieve higher environmental protection standards and goals.

报告期内，公司已通过 ISO14001 环境管理体系认证。

During the reporting period, the Company passed ISO14001 environmental management system certification.



ISO 14001 环境管理体系认证
ISO14001 Environmental Management System Certification

公司的环境方针：生态和谐 低碳生产。

本公司致力于在生产和运营过程中保护和维护生态环境，实现企业活动与自然环境的和谐共存。减少温室气体排放，通过低碳生产方式，降低对气候变化的影响。

- 实施环境影响评估，减少生产过程中的污染排放。
- 采用环保材料和工艺，减少对自然资源的消耗。
- 推广绿色生产，如使用可再生能源，提高能源效率。
- 优化生产流程，减少能源消耗。
- 投资于节能减排技术，如高效节能设备。
- 定期监测和报告温室气体排放，设定减排目标。

The company's environmental policy: ecological harmony and low-carbon production.

The company is committed to protecting and maintaining the ecological environment in the process of production and operation, and to realize the harmonious coexistence of corporate activities and the natural environment. Reduce greenhouse gas emissions and reduce the impact on climate change through low-carbon production methods.

- Conduct environmental impact assessments to reduce pollutant emissions from the production process.
- Reduce the consumption of natural resources by using environmentally friendly materials and processes.
- Promote green production, such as the use of renewable energy, to improve energy efficiency.
- Optimize production processes and reduce energy consumption.
- Invest in energy-saving and abate-reducing technologies, such as energy-efficient equipment.
- Regularly monitor and report greenhouse gas emissions and set emission reduction targets.

● 企业外部积极加强环境监测，定期检测和评估公司周边环境，确保我们的活动对环境没有负面影响；制定和遵守严格的环境标准，确保公司的操作符合法律法规和行业 标准；积极参与生态环境保护工作，为保护自然资源和生态系统做出贡献，同时采取 措施控制环境污染，减少对生态环境的冲击。

Outside the enterprise, the environmental monitoring was actively strengthened and the Company's surroundings were regularly tested and evaluated to ensure that human activities had no adverse impact on the environment. Strict environmental standards were developed and obeyed to ensure that the Company's operations comply with laws, regulations, and the industry standards. The Company actively participated in ecological environmental protection work to make contribution to the protection of natural resources and ecosystems and took measures to control environmental pollution and reduce the impact on the ecological environment at the same time.

环境目标 Environmental objectives

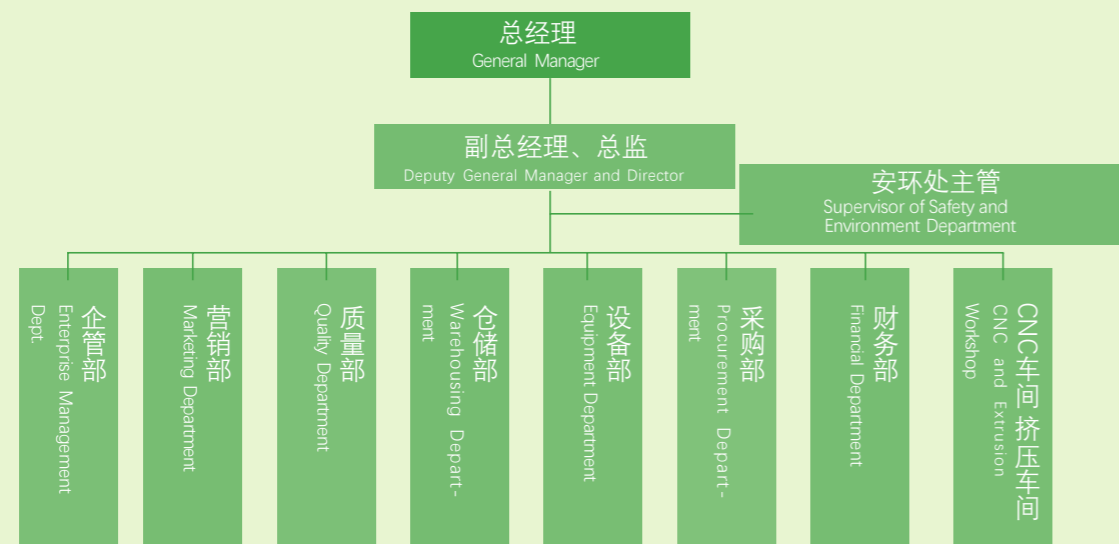
- 固、危废弃物分类放置，定期安全处置，处置率100%。
- Solid and hazardous wastes are classified and placed separately. They are disposed of safely on a regular basis with a disposal rate of 100%.
- 噪声达到功能区的环境质量指标：昼间：≤65dB，夜间：≤55dB。
- The noise reaches the environmental quality index of the functional area: during the day: ≤65 dB; at night: ≤55 dB
- 废气达标排放。
- Exhaust gas is discharged up to standard.
- 预防火灾，火灾发生率为零。
- Prevent fires to make the fire rate zero.

环境管理架构 Environmental Management Structure

为全面搞好企业环境保护工作，遵循环境保护法律法规和制度要求，结合公司的管理特点，进一步明确公司级领导、职能部门、从业人员应履行的环保职责。各级负责人、职能部门和从业人员严格履行各自的环保职责，全面抓好公司的环境保护工作。

To comprehensively improve enterprise environmental protection, follow the environmental protection laws and regulations and system requirements, combined with the Company's management characteristics, to further clarify the environmental responsibilities to be fulfilled by the company leaders, functional departments, practitioners. The persons in charge at all levels, functional departments and practitioners strictly fulfilled their respective environmental protection duties and fully grasped the Company's environmental protection.

Organizational Chart of Environmental Management
环境管理组织架构



Water Utilization 水资源利用

公司用水主要来自市政自来水管网，主要用于生活办公、食堂餐饮、消防应急使用及企业生产制造。此外，创新轻量化高度重视水资源的合理利用，狠抓节约用水管理。为了提高员工的节水意识，公司在用水设施附近张贴“节约用水”的标识，以强调节约用水的重要性，共同践行环保之道。

The Company's water mainly came from the municipal water pipeline network, mainly used for living and office, cafeteria dining, fire emergency use and enterprise manufacturing Besides. Innovation Light Weight attached great importance to the rational use of water resources and pays close attention to water conservation management. In order to improve the staff's awareness of water conservation, the Company posted "Save Water" signs near the water facilities to emphasize the importance of saving water, and practiced environmental protection together.

水资源使用情况绩效数据一览表 Performance Data List of Water Resources Utilization		
指标 Indicator	单位 Unit	2023
总用水量 Total water consumption	吨 Ton	216
自来水 Tap water	吨 Ton	216
单位产值水耗 Water consumption per unit output value	吨水 / 万元 Tons of water / RMB10,000	0.052
污水总排水量 Total sewage discharge	吨 Ton	0

Pollution Prevention and Control

污染防治

废水管理 Waste water management

公司废水主要为生活污水，生活污水依托1座5m³化粪池处理后经内蒙古创源金属有限公司1套处理能力为500m³/d的A/O+MBR处理站处理后回用于内蒙古创源金属有限公司生产；淬火废水经新建2座60m³淬火水池循环使用，不外排。

The company's wastewater is mainly domestic sewage. The domestic sewage is treated by a 5 cubic meter septic tank and then reused in the production of Inner Mongolia Chuangyuan Metal Co., Ltd. after being treated by an A/O + MBR treatment station with a treatment capacity of 500 cubic meters per day of Inner Mongolia Chuangyuan Metal Co., Ltd. Quenching wastewater is recycled in two newly-built 60 cubic meter quenching pools and is not discharged.



废气管理 Exhaust gas management

公司废气包括有组织废气和无组织废气。有组织废气包括时效炉、铝棒加热产生的天然气燃烧废气，主要为颗粒物、SO₂、NO_x。

The company's exhaust gas includes organized exhaust gas and unorganized exhaust gas. Organized exhaust gas includes the natural gas combustion exhaust gas generated by aging furnaces and aluminum bar heating, mainly particulate matter, SO₂, and NO_x.

无组织废气为生产线锯切废气通过集气罩收集后由1套收尘器收集，再经过静电式油雾收集器处理后的颗粒物和总挥发性有机物。机加工废气经油雾净化装置处理后的少量颗粒物和总挥发性有机物。

Unorganized exhaust gas includes particulate matter and non-methane total hydrocarbons after the sawing exhaust gas of the production line is collected by a gas-collecting hood and then collected by a dust collector and treated by an electrostatic oil mist collector. A small amount of particulate matter and non-methane total hydrocarbons from machining exhaust gas are treated by an oil mist purification device.

废气排放数据绩效一览表 Exhaust Emission Data Performance List		
指标 Indicator	单位 Unit	2023
废气排放总量 Total Exhaust Emission	吨 Ton	7.015
二氧化硫	吨 Ton	0.215
- 氮氧化物 -Nitrogen oxides	吨 Ton	0.99
- 颗粒物 (PM) -Particulate Matter (PM)	吨 Ton	5.9

优化产业结构方面，坚决遏制高耗能、高排放、低水平项目盲目开展，依法依规淘汰落后产能，深化节能降碳改造。

优化能源结构方面，严格合理控制煤炭消费总量，实施工业炉窑清洁能源替代，积极推进以气代煤，以电代煤，能源消耗全部采用天然气和电能。

强化VOCs全流程、全环节综合治理。推进危废库VOCs综合管控，持续压降VOCs浓度。

具体实施下列环保管控措施：

①有组织废气

天然气燃烧废气：本项目铝棒加热炉天然气燃烧废气汇集经1根15m高排气筒排放，时效炉天然气燃烧废气汇集经1根15m高排气筒排放。

②无组织废气

1. 锯切工序废气：本项目锯切工序产生的大颗粒金属碎屑经布袋吸尘器处理，处理后无组织排放，废气处理效率为95%。锯切工序颗粒物排放量为0.735t/a，排放速率为0.102kg/h。

2. 精加工工序产生的非甲烷总烃：本项目精加工工序产生的非甲烷总烃无组织排放。非甲烷总烃排放量为0.045t/a，排放速率为0.00625kg/h。

3. 煲模碱洗工序产生的氢气：企业煮模区应加强通风，防止氢气聚集。

4. 喷砂工序产生的颗粒物：本项目喷砂工序产生的颗粒物经袋式除尘器处理，处理后无组织排放排放，废气处理效率为95%。喷砂工序颗粒物排放量为0.011t/a，排放速率为0.0046kg/h。

5. 氮化炉氮化工序产生的氨及氢气：氮化炉氮化过程产生的氢气经燃烧炉进行燃烧处理。开炉取模具过程逸散出少量未分解的氨气，在综合性厂房内无组织排放。

In terms of optimizing the industrial structure, we will resolutely curb the blind development of high-energy-consuming, high-emission and low-level projects, eliminate outdated production capacity in accordance with laws and regulations, and deepen the transformation of energy conservation and carbon reduction.

In terms of optimizing the energy structure, we will strictly and reasonably control the total coal consumption, implement clean energy substitution for industrial furnaces and kilns, and actively promote the replacement of coal with gas and electricity, and use natural gas and electricity for energy consumption.

Strengthen the comprehensive management of the whole process and all links of VOCs. Promote the comprehensive management and control of VOCs in hazardous waste storage, and continue to reduce the concentration of VOCs.

The following environmental control measures are implemented:

(1) Organized exhaust gas

Natural gas combustion exhaust gas: The natural gas combustion exhaust gas of the aluminum rod heating furnace of this project is collected and discharged through a 15m high exhaust cylinder, and the natural gas combustion exhaust gas of the aging furnace is collected and discharged by a 15m high exhaust cylinder.

(2) Unorganized waste gas

1. Waste gas from sawing process: The large particles of metal chips generated by the sawing process of this project are treated by the bag vacuum cleaner, and the waste gas treatment efficiency is 95%. The particulate matter emission in the sawing process is 0.735t/a, and the emission rate is 0.102kg/h.

2. Non-methane total hydrocarbons produced by the finishing process: the fugitive emission of non-methane total hydrocarbons produced by the finishing process of this project. The total non-methane hydrocarbon emissions were 0.045t/a, and the emission rate was 0.00625kg/h.

3. Hydrogen produced in the caustic washing process of the mold: The ventilation of the cooking area of the enterprise should be strengthened to prevent the accumulation of hydrogen.

4. Particulate matter generated by the sandblasting process: The particulate matter generated by the sandblasting process of this project is treated by the bag filter, and the fugitive emission is discharged after treatment, and the exhaust gas treatment efficiency is 95%. The particulate matter emission in the sandblasting process is 0.011t/a, and the emission rate is 0.0046kg/h.

5. Ammonia and hydrogen produced by the nitriding process of the nitriding furnace: The hydrogen produced by the nitriding process of the nitriding furnace is burned by the combustion furnace. A small amount of undecomposed ammonia is emitted during the process of opening the furnace and taking the mold, which is discharged unorganized in the comprehensive plant.

优化产业结构方面，坚决遏制高耗能、高排放、低水平项目盲目开展，依法依规淘汰落后产能，深化节能降碳改造。

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为了防止公司危险化学品、危险废弃物、工艺管道等各类因泄露可能对人身或环境造成危害的物质进行管理，制定了《泄漏和渗漏评估与管理程序》、《化学品与油品管理控制程序》等制度，明确了有关危险物质的操作规程、储存方法、过程管理以及应急处置方案，并定期组织员工进行培训，使员工清楚放置处理化学品泄漏应配带的防护用品、泄漏预防设备及泄漏控制设备的储存位置，确保能够采取正确的措施预防和控制泄露。另一方面对可能泄露或释放的区域进行定期检查，确保能控制因泄露导致的潜在风险，提高生产、设备安全环保管理水平。

In order to prevent the management of hazardous chemicals, hazardous wastes, process pipelines and other substances that may cause harm to people or the environment due to leakage, the company has formulated the "Leakage and Leakage Assessment and Management Procedures", "Chemicals and Oil Management and Control Procedures" and other systems, clarified the operating procedures, storage methods, process management and emergency disposal plans for hazardous substances, and regularly organized staff training to make employees clearly place the protective equipment that should be equipped to deal with chemical leakage. Storage location of leak prevention equipment and leak control equipment to ensure that the right measures can be taken to prevent and control leaks. On the other hand, the area that may be leaked or released is regularly inspected to ensure that the potential risks caused by leakage can be controlled, and the safety and environmental protection management level of production and equipment can be improved.

废弃物管理 Waste Management

为改善环境污染和固废管理，公司严格遵守国家及各级地方政府污染物排放管理等相关法律法规，对固废进行处理和利用，实行固体废物资源化管理，减少末端废弃物的数量。公司还改进了生产设计和管理，以提高产废设备的使用效率，从而减少废物产生。

To improve environmental pollution and solid waste management, the company strictly complies with relevant national and local government laws and regulations on pollutant discharge management. It processes and utilizes solid waste and implements resource-based management of solid waste to reduce the amount of end waste. The company has also improved production design and management to increase the use efficiency of waste-producing equipment, thereby reducing waste generation.

危险废弃物管理 Hazardous Waste Management

公司产生的危险废弃物包括废油桶、废油、废切削液等。为了妥善管理危险废弃物，公司依托创源金属一座1250m²的危废暂存库分区暂存，委托有资质单位处置，这些库房具备防风、防雨、防晒的特性。地面进行防腐防渗处理，各类危废被分类、分区存储，并设有分隔线来进行有效的隔离。此外，危废仓库的四周设有用于堵截泄露废液的导流槽，以确保任何废液泄漏都可以临时存储于导流槽内。

The hazardous wastes generated by the company include waste oil drums, waste oil, waste cutting fluid, etc. In order to properly manage hazardous wastes, the company relies on a 1250m² temporary storage warehouse for hazardous wastes of Chuangyuan Metal to store them in different zones. Qualified units are entrusted for disposal. These warehouses have the characteristics of windproof, rainproof, and sunproof. The ground is treated for anti-corrosion and anti-seepage. Various types of hazardous wastes are classified and stored in different zones, and separation lines are set up for effective isolation. In addition, there are diversion grooves around the hazardous waste warehouse for blocking leaked waste liquid to ensure that any leaked waste liquid can be temporarily stored in the diversion groove.

危险废弃物数据绩效一览表
Hazardous Waste Data Performance List

指标 Indicator	单位 Unit	2023年数据 Data of 2023	处置率 Disposal rate
固体废物总产生量 Total amount of Solid waste generated	吨 Ton	130.16	
固体废物总处置量 Total amount of solid waste disposal	吨 Ton	130.16	100%
危险废物总产生量 Total amount of Hazardous waste generated	吨 Ton	0.509	
危险废物总处置量 Total hazardous waste disposal	吨 Ton	0.509	100%

Greenhouse gas emissions 温室气体排放

本公司2023年1月1日至12月31日温室气体总排放量共计为 95,116 吨CO₂e，其中：

类别	第一类				第二类	第三类	第四类
	固定燃烧	移动燃烧	制程	逸散			
排放型式					外购能源间接	运输产生间接	组织使用产品间接
排放量 (t-CO ₂ e/年)	298	22	0	9	9,101	266	85,419
比例 %	90.4%	6.8%	0%	2.8%	/	/	/
排放量 (t-CO ₂ e/年)	330				9,101	266	85,419
比例 %	0.3%				9.6%	0.3%	89.8%
总排放量 (t-CO ₂ e/年)	95,116						

温室气体管理方针

坚持科学管理和技术创新，持续减少GHG排放，为应对气候变化贡献力量

温室气体管理目标

每年度在2023年度（基准年）的基础上预计减排强度至少5.0%。



Green Development 绿色发展

绿色是高质量发展最亮丽的底色。公司自成立以来，始终坚持绿色发展理念，将绿色 低碳循环发展理念贯穿于产品全生命周期，坚持生态环境保护与生产经营同向发力，持续加强生态环境源头防控和生产过程管控，以实际行动践行绿色发展理念。

Green is the brightest background color for high-quality development. Since its establishment, the company has always adhered to the concept of green development, integrated the concept of green, low-carbon and circular development throughout the whole life cycle of products, adhered to the same direction of ecological environmental protection and production and operation, continued to strengthen the prevention and control of the source of the ecological environment and the control of the production process, and practiced the concept of green development with practical actions.

近年来，在低碳、减碳的行业发展趋势下，实现汽车电动化、低能耗，汽车轻量化已成为了全球发展趋势，使用铝材是实现轻量化的重要途径。为响应国家碳达峰、碳中和目标及顺应行业发展，我公司在生产方式上不断探索绿色能源发展，从原材料采购、设备选型到绿色能源，努力打造涵盖再生铝-绿电铝-挤压-CNC精加工，全流程的“绿色铝”产业链。

In recent years, under the development trend of low-carbon and carbon-reduction industries, the realization of vehicle electrification, low energy consumption, and automobile lightweight has become a global development trend, and the use of aluminum is an important way to achieve lightweight. In response to the national carbon peak, carbon neutrality goals and the development of the industry, our company continues to explore the development of green energy in production methods, from raw material procurement, equipment selection to green energy, and strives to build a "green aluminum" industrial chain covering the whole process of recycled aluminum, green electric aluminum, extrusion, CNC finishing, and so on.

社会责任

Social Responsibility



传递温暖 爱心正能量



1.诚信经营，依法纳税



税收取之于民，用之于民。依法纳税是企业应尽的责任和义务。创新轻量化自成立以来，始终秉承“依法诚信纳税”理念，自觉遵守税收法律、法规，积极履行纳税义务，从未出现瞒报、漏报、偷税漏税行为。截至2023年。报告期内，公司纳税总额53.56万元。为国家财政收入和地方经济发展做出了应有的贡献。

Taxes are taken from the people and used by the people. Paying taxes in accordance with the law is the responsibility and obligation of the enterprise. Since its establishment, Innovation and Lightweight have always adhered to the concept of "paying taxes in good faith in accordance with the law", consciously abide by tax laws and regulations, and actively fulfilled tax obligations. There has never been any acts of concealment, omission or evasion. As of 2023. During the reporting period, the company's total tax payment was 535,600 yuan. It has made due contributions to national fiscal revenue and local economic development.

霍林河人才通

给自己一个机会
踏上一段“薪”的征程

薪资面议
质量科长
铝工业园区/3-5年/高中
内蒙古创新轻量化新材料有限公司

长按识别二维码，查看职位详情

霍林河人才通

忽然好想你
你会在哪里
能否发我份简历

薪资面议
挤压工艺工程师
铝工业园区/3年/学历不限
内蒙古创新轻量化新材料有限公司

长按识别二维码，查看职位详情

2.提供就业岗位，促进社会稳定

党中央、国务院高度重视就业工作，将稳就业、保就业摆在“六稳”“六保”工作之首。创新轻量化坚决落实党中央、国务院决策部署，把稳岗稳就业扎实落在实处，截止目前，公司在职工数量224人。

近两年，公司不断开拓市场，扩大生产规模，加快扩产项目建设，持续推进苏州、山东、内蒙等挤压生产基地的汽车轻量化业务开展，新增多个就业岗位，积极回馈社会。同时公司采用线下加线上招聘模式，拓宽招聘渠道，线上招聘全年发布招聘信息，持续为公司引进人才，做好人才储备。

The CPC Central Committee and the State Council attach great importance to employment work, placing stable employment and job protection at the top of the "six stability" and "six guarantees" work. Innovate and resolutely implement the decisions and arrangements of the CPC Central Committee and the State Council, and firmly implement stable posts and employment. So far, the company has 224 employees. In the past two years, the company has continuously explored the market, expanded the production scale, accelerated the construction of production expansion projects, continued to promote the development of automobile lightweight business in squeezed production bases such as Suzhou, Shandong and Inner Mongolia, added a number of jobs, and actively gave back to the society. At the same time, the company adopts an offline and online recruitment model, expands recruitment channels, publishes recruitment information throughout the year, continuously introduces talents for the company, and reserves talents.



霍林河人才通

我喜欢夏日的微风
傍晚的日落
以及恰合时宜的你

薪资面议
质量经理
铝工业园区/10年以上/大专
内蒙古创新轻量化新材料有限公司

长按识别二维码，查看职位详情

霍林河人才通

万里挑一
唯你是聘

薪资面议
质量工程师（挤压、CNC）
铝工业园区/3-5年/大专
内蒙古创新轻量化新材料有限公司

长按识别二维码，查看职位详情



3.乡村振兴，促进本地可持续发展

创新轻量化在企业自身发展的基础上，始终坚持先富带后富、先富帮后富，在共同富裕的道路上承担起应有的社会责任。公司高度重视创业带动就业的作用，积极开展家门口就业，助力乡村发展，打好“组合拳”，稳就业促振兴，致力于促进乡村发展建设。

本公司在职工中有 6.4%是本市当地人口，这带来了显著的优势。

在工作中，他们凭借对本地市场的熟悉，能为公司提供更接地气的营销策略建议。与当地供应商和合作伙伴交流时，也能更顺畅地建立合作关系。

从社会责任角度看，他们积极作用明显。这些员工积极参与本地公益项目，如关爱孤寡老人、组织社区环保活动等。他们还能带动其他员工深入了解本地需求，促进公司对本地教育、文化事业的支持。他们就像纽带，将公司与当地社会紧密相连。公司通过他们，更好地融入本地，树立起关爱社区的良好形象，为本地的可持续发展添砖加瓦，同时也在社会中传递了正能量。

On the basis of the development of the enterprise itself, innovation and lightweighting always adhere to the principle of getting rich first, getting rich first and then getting rich, and assuming due social responsibilities on the road of common prosperity. The company attaches great importance to the role of entrepreneurship in driving employment, actively carries out door-to-door employment, helps rural development, plays a good "combination punch", stabilizes employment and promotes revitalization, and is committed to promoting rural development and construction. 6.4% of the company's employees are the local population of the city, which brings significant advantages. At work, they can provide the company with more down-to-earth marketing strategy suggestions with their familiarity with the local market. When communicating with local suppliers and partners, you can also establish cooperative relations more smoothly. From the perspective of social responsibility, their positive role is obvious. These employees actively participate in local public welfare projects, such as caring for the elderly, organizing community environmental protection activities, etc. They can also drive other employees to gain an in-depth understanding of local needs and promote the company's support for local education and cultural undertakings. They are like bonds, closely connecting the company with the local society. Through them, the company better integrates into the local area, establishes a good image of caring for the community, adds bricks and tiles to the sustainable development of the local area, and also transmits positive energy in the society.



4. 社会责任行为准则

◆ 公平正义 恪守道德。

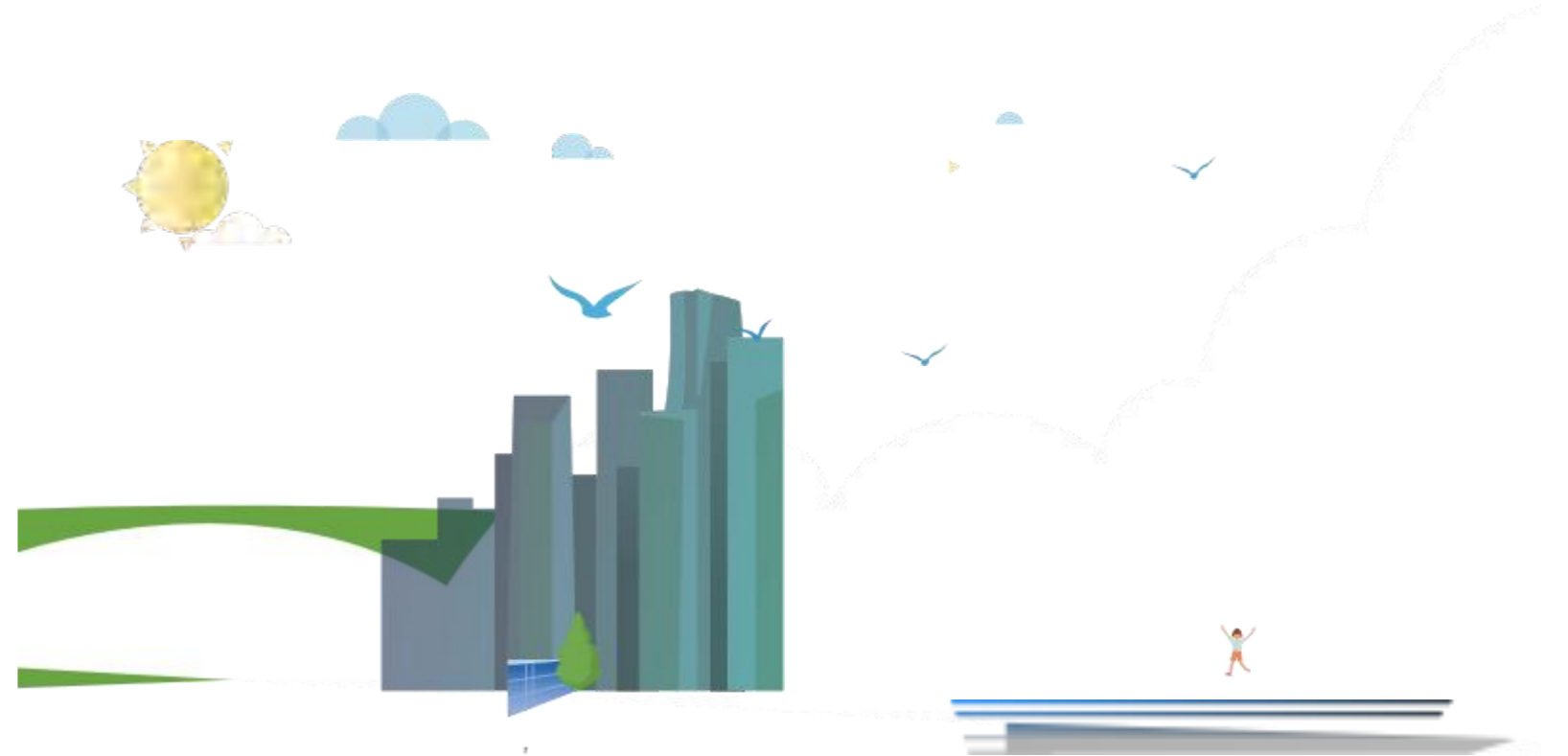
本公司承诺在所有业务活动中维护公平和正义，确保所有员工和合作伙伴得到平等对待。坚持最高的道德标准，确保所有业务活动合法、合规，并符合社会期望。

- 建立公平的招聘、晋升和薪酬体系。
- 反对任何形式的歧视和不公正待遇。
- 通过社区参与和支持项目，促进社会公平和正义。
- 制定和执行严格的道德准则。
- 对员工进行道德和合规培训。
- 建立透明的决策和报告机制，确保透明度。

Fairness and justice, abide by morality.

The Company is committed to upholding fairness and justice in all its business activities and ensuring that all employees and partners are treated equally. Adhere to the highest ethical standards and ensure that all business activities are legal, compliant, and in line with societal expectations.

- Establish a fair system for recruitment, promotion, and compensation.
- Oppose any form of discrimination and injustice.
- Promote social equity and justice through community engagement and support projects.
- Establish and enforce a strict code of ethics.
- Conduct ethics and compliance training for employees.
- Establish transparent decision-making and reporting mechanisms to ensure transparency.



未来展望

Future expectations



奋楫正当时，扬帆再出发

在这个充满无限可能的时代，创新轻量化将继续秉承集团公司，创新、务实、开拓创新的精神，与时俱进，开创未来，紧密关注市场变化，抓住机遇，狠抓落实。

在过去的一年里，创新轻量化完成了5条挤压生产线的建设，并已经全部投入生产中。同时公司的各项业务也在积极的开展中，均已取得了长足的进步。

未来，创新轻量化将积极开拓汽车轻量化、轨道交通、航天航空等高精度市场。公司将紧紧围绕“拓业务、稳生产、强管理、促升级、提效能”这一工作主题，聚全员之力、尽担当之责，锚定年度目标奋楫拼搏，朝着成为“世界级汽车轻量化铝合金研发商和制造商”的目标阔步迈进。

It is the right time for us to set sail again.

In this era full of infinite possibilities, innovative lightweight will continue to uphold the spirit of the Group company, innovation, pragmatism, pioneering and innovative, keep pace with The Times, create the future, pay close attention to market changes, seize opportunities, and pay close attention to implementation.

In the past year, Innovation Lightweight has completed the construction of 5 extrusion production lines and has all been put into production. At the same time, the company's various businesses are also actively carried out, and have made great progress.

In the future, innovative lightweight will actively explore the automotive lightweight, rail transit, aerospace and other high-precision markets. The company will closely focus on the work theme of "expanding business, stabilizing production, strengthening management, promoting upgrading and improving efficiency", gather all staff and fulfill their responsibilities, anchor the annual target and work hard to become a "world-class automotive lightweight aluminum alloy R & D manufacturer and manufacturer".

SDGs 对标表

SDGs Alignment Table

	总经理致辞 关爱员工成长 社会责任		关爱员工成长		Speech by the General Manager Caring for Employees' Growth Social Responsibility		Caring for Employees' Growth
	/		总经理致辞 推动可持续发展 夯实公司治理 守护美好环境 社会责任		/		Speech by the General Manager Promotion of Sustainable Development Compacting Governance Guard the beautiful environment Social Responsibility
	关爱员工成长 社会责任		关爱员工成长 共创长期价值 守护美好环境		Caring for Employees' Growth Social Responsibility		Caring for Employees' Growth Creating long-term value together Guard the beautiful environment
	关爱员工成长		守护美好环境		Caring for Employees' Growth		Guard the beautiful environment
	关爱员工成长		/		Caring for Employees' Growth		/
	/		/		/		/
	守护美好环境		总经理致辞 关于创新轻量化 夯实公司治理 关爱员工成长		Guard the beautiful environment		Speech by the General Manager About Innovation Light Weight Compacting Governance Caring for Employees' Growth
	关于创新轻量化 关爱员工成长		推动可持续发展 共创长期价值		About Innovation Light Weight Caring for Employees' Growth		Promotion of Sustainable Development Creating long-term value together
	总经理致辞 共创长期价值				Speech by the General Manager Creating long-term value together		

GRI 指标索引表 GRIGRI Standards Reference Table

使用说明 Instructions for use	内蒙古创新轻量化新材料有限公司在2023年1月1日-2023年12月31日参照GRI标准报告了在此份GRI内容索引中引用的信息。 Inner Mongolia Innovation Light Weight New Materials Co., Ltd. reported the information cited in this GRI Content Index from January 1, 2023 to December 31, 2023 with reference to the GRI Standard.	
使用的 GRI 1 GRI 1 used	GRI 1: 基础 2021 GRI 1: Foundation 2021	
GRI Standards	披露 Disclosure	位置 Location
GRI2: 一般披露 GRI2: General Disclosure	2-1 组织详细情况 2-1 Organizational details	关于我们 Company profile
	2-2 纳入组织可持续发展报告的实体 2-2 Entities included in the organization's sustainability reporting	报告边界 Reporting Coverage
	2-3 报告期、报告频率和联系人 2-3 Reporting period, frequency and contact point	时间范围 Timeframe 报告获取 Report Acquisition
	2-4 信息重述 2-4 Restatements of information	/
	2-5 外部鉴证 2-5 External assurance	/
	2-6 活动、价值链和其他业务关系 2-6 Activities, Value Chain and Other Business Relationships	关于我们 Company profile
	2-7 员工 2-7 Employees	关爱员工成长 Caring for Employees' Growth
	2-22 关于可持续发展战略的声明 2-22 Statement on sustainability strategy	推动可持续发展 Promotion of Sustainable Development
	2-26 寻求建议和提出关切的机制 2-26 Mechanisms for seeking advice and raising concerns	供应商管理 Supplier Management 客户服务 Customer Service
	2-27 遵守法律法规 2-27 Compliance with laws and regulations	商业道德建设 Construction of Business Ethics 保障员工权益 Respect for Human Rights 环境管理 Environmental Management
2-29 利益相关方参与的方法 2-29 Approach to stakeholder engagement	利益相关方的识别与沟通 Stakeholder Identification and Communication	
GRI3: 实质性议题 GRI3: Substantive Issues	3-1 确定实质性议题的过程 3-1 Process to determine substantive issues	实质性议题分析 Analysis of Substantive Issues
	3-2 实质性议题清单 3-2 List of substantive issues	实质性议题分析 Analysis of Substantive Issues
	3-3 实质性议题的管理 3-3 Management of substantive issues	实质性议题分析 Analysis of Substantive Issues

使用说明 Instructions for use	内蒙古创新轻量化新材料有限公司在2023年1月1日-2023年12月31日参照GRI标准报告了在此份GRI内容索引中引用的信息。 Inner Mongolia Innovation Light Weight New Materials Co., Ltd. reported the information cited in this GRI Content Index from January 1, 2023 to December 31, 2023 with reference to the GRI Standard.	
使用的 GRI 1 GRI 1 used	GRI 1: 基础 2021 GRI 1: Foundation 2021	
GRI Standards	披露 Disclosure	位置 Location
GRI203: 间接经济影响 GRI203: Indirect Economic Influence	3-3 实质性议题的管理 3-3 Management of substantive issues	社会责任 Social responsibility
	203-1 基础设施投资和支持性服务 203-1 Infrastructure investment and support services	诚信经营, 依法纳税 Operate in good faith and pay taxes in accordance with the law 提供就业岗位, 促进社会稳定 Provide jobs and promote social stability 乡村振兴 Rural revitalization
GRI205: 反腐败 GRI205: Anti-corruption	3-3 实质性议题的管理 3-3 Management of substantive issues	商业道德 Business Ethics
	205-2 反腐败政策和程序的传达及培训 205-2 Communication and training about anti-corruption policies and procedures	商业道德建设 Business Ethics Building
	205-3 经确认的腐败事件和采取的行动 205-3 Confirmed incidents of corruption and actions taken	商业道德建设 Business Ethics Building
GRI302: 能源 GRI302: Energy	3-3 实质性议题的管理 3-3 Management of substantive issues	/
	302-1 组织内部的能源消耗量 302-1 Energy Consumption in the Company	/
	302-4 降低能源消耗量 302-4 Reduced energy consumption	/
GRI303: 水资源和污水 GRI303: Water and Effluents	3-3 实质性议题的管理 3-3 Management of substantive issues	水资源管理 Water Resources Management
	303-5 耗水 303-5 Water consumption	水资源利用 Water Utilization
GRI305: 排放 GRI305: Emissions	3-3 实质性议题的管理 3-3 Management of Substantive Issues	温室气体管理 Greenhouse Gas Management
	305-1 直接 (范围 1) 温室气体排放 305-1 Direct (Scope 1) GHG emissions	绿色发展 Green Development
GRI306: 废弃物 GRI306: Waste	305-2 能源间接 (范围 2) 温室气体排放 305-2 Indirect (Scope 2) Greenhouse Gas Emissions of Energy	绿色发展 Green Development
	3-3 实质性议题的管理 3-3 Management of Substantive Issues	污染防治 Pollution Prevention and Control
	306-2 废弃物相关重大影响 306-2 Waste-related Significant Impacts	废弃物管理 Waste Management
	306-3 产生的废物 306-3 Generated Waste	废弃物管理 Waste Management

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使用的 GRI 1 GRI 1 used	GRI 1: 基础 2021 GRI 1: Foundation 2021	
GRI Standards	披露 Disclosure	位置 Location
GRI308: 供应商环境评估	3-3 实质性议题的管理 3-3 Management of substantive issues	供应商管理 Supplier Management
GRI308: Supplier Environmental Assessment	308-1 使用环境标准筛选的新供应商 308-1 New suppliers that were screened using environmental criteria	供应商管理 Supplier Management
GRI401: 雇佣 GRI401: Employment	3-3 实质性议题的管理 3-3 Management of substantive issues	关爱员工成长 Caring for Employees' Growth
	401-2 提供给全职员工（不包括临时或兼职员工）的福利 401-2 Benefits provided to full-time employees that are not provided to temporary or part-time employees	员工权益 Employee right and benefit 员工培训 Employee training 员工活动 Employee Activities
	401-3 育儿假 401-3 Parental leave	/
GRI403: 职业健康与安全 GRI403: Occupational Health and Safety	3-3 实质性议题的管理 3-3 Management of substantive issues	健康安全 Health and Safety
	403-1 职业健康安全管理体系 403-1 Occupational health and safety management system	健康与安全 Health and Safety
	403-2 危害识别、风险评估和事故调查 403-2 Hazard identification, risk assessment, and incident investigation	安全生产 Safety in production
	403-3 职业健康服务 403-3 Occupational Health and Safety	职业健康 Occupational health
	403-4 职业健康安全事务：工作者的参与、意见征询和沟通 403-4 Occupational health and safety matters: workers' participation, consultation and communication	/
	403-5 工作者职业健康安全培训 403-5 Worker training on occupational health and safety	安全生产月 Work Safety Month
	403-6 促进工作者健康 403-6 Promotion of worker health	职业健康 Occupational health
	403-7 预防和减缓与业务关系直接相关的职业健康安全影响 403-7 Prevention and mitigation of occupational health and safety impacts directly linked by business relationships	/

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使用的 GRI 1 GRI 1 used	GRI 1: 基础 2021 GRI 1: Foundation 2021	
GRI Standards	披露 Disclosure	位置 Location
GRI404: 培训与教育 GRI404: Training and Education	3-3 实质性议题的管理 3-3 Management of substantive issues	关爱员工成长 Caring for Employees' Growth
	404-1 每名员工每年接受培训的平均小时数 404-1 Average number of training hours per employee per year	员工培训 Employee training
GRI405: 多元化与平等机会 GRI405: Diversity and Equal Opportunity	404-2 员工技能提升方案和过渡援助方案 404-2 Employees' Skills Upgrading Programs and Transition Assistance Programs	员工培训 Employee training
	3-3 实质性议题的管理 3-3 Management of substantive issues	关爱员工成长 Caring for Employees' Growth
GRI413: 当地社区 GRI413: Local communities	405-1 管治机构与员工的多元化 405-1 Diversity of governance bodies and employees	员工权益 Employee right and benefit
	3-3 实质性议题的管理 3-3 Management of substantive issues	社会责任 Social responsibility
GRI414: 供应商社会评估 GRI414: Supplier Social Assessment	413-1 有当地社区参与、影响评估和发展计划的运营点 413-1 Operations sites with local community engagement, impact assessments, and development programs	提供就业岗位，促进社会稳定 Provide jobs and promote social stability 乡村振兴 Rural revitalization
	3-3 实质性议题的管理 3-3 Management of substantive issues	供应商管理 Supplier Management
GRI 416: 客户健康与安全 GRI 416: Customer Health and Safety	414-1 使用社会标准筛选的新供应商 414-1 New suppliers that were screened using social criteria	供应商管理 Supplier Management
	3-3 实质性议题的管理 3-3 Management of substantive issues	客户服务 Customer Service
GRI 416: 客户健康与安全 GRI 416: Customer Health and Safety	416-1 评估产品和服务类别的健康与安全影响 416-1 Assessment of the health and safety impacts of product and service categories	客户服务 Customer Service

意见反馈表

尊敬的读者：

感谢您阅读《创新轻量化2023年可持续发展报告》，为了不断改进报告编制工作，我们特别希望倾听您的意见和建议。请您协助完成反馈意见表中提出的相关问题。

1. 本报告全面、准确地反映公司对经济、社会、环境的重大影响

很好 合理 一般 差

2. 本报告对利益相关方所关心问题的回应和披露

很好 合理 一般 差

3. 本报告披露的信息、指标、数据清晰、准确、完整

很好 合理 一般 差

4. 本报告的可读性，即报告的逻辑主线、内容设计、语言文字和版式设计

很好 合理 一般 差

5. 您认为本报告最让您满意的方面是什么？

6. 您认为还有哪些您需要了解的信息在本报告中没有反映？

7. 您对我们今后编制社会责任暨 ESG 报告有何建议？

您可以选择以下方式将建议反馈给我们：

地址：内蒙古自治区通辽市霍林郭勒市市区西南工业园区C区内

邮编：029200

联系电话：0475-2739285

邮箱：qlhqgb@sdcxjt.com

Suggestion feedback

Dear readers:

Thank you for reading the 2023 Sustainable Development Report of Innovation Light Weight. In order to continuously improve the preparation of the report, we hope sincerely to listen to your opinions and suggestions. You are invited to assist in completing the relevant questions in the feedback form.

1. The report comprehensively and accurately reflects the significant impacts of the Company on the economy, society and environment

Excellent Reasonable General Bad

2. Response and disclosure of stakeholders' concerns in the report

Excellent Reasonable General Bad

3. The information, indicators and data in the report are clear, accurate and complete

Excellent Reasonable General Bad

4. The readability of the report, including its logical main line, content design, language and words and format design

Excellent Reasonable General Bad

5. Which aspect is the most satisfactory for you in the report?

6. What required information do you think is not reflected in the report?

7. Do you have any suggestions for our future preparation of social responsibilities and ESG report?

You can choose the following ways to send the suggestion feedback to us:

Address: In Area C, Southwest Industrial Park, Huolingol City, Tongliao City, Inner Mongolia Autonomous Region

Zip code: 029200

Contact number: 0475-2739285

Mailbox: qlhqgb@sdcxjt.com