創新實業
CHUANGXIN INDUSTRIES

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創新實業
CHUANGXIN INDUSTRIES

2025
ENVIRONMENTAL, SOCIAL, AND GOVERNANCE (ESG) REPORT

Chuangxin Industries Holdings Limited



Stock Code 02788

CHUANGXIN INDUSTRIES



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Introduction



Report Introduction

This Report is the inaugural Environmental, Social and Governance (hereinafter referred to as "ESG") report (hereinafter referred to as "this Report") compiled and published by Chuangxin Industries Holdings Limited (hereinafter referred to as "Chuangxin Industries", "we" or "the Company"). It focuses on ESG material issues of concern to various stakeholders, aiming to disclose the Company's ESG strategies, practices and performance in an objective, impartial and transparent manner, thereby promoting a more comprehensive understanding of Chuangxin Industries among stakeholders.

Reporting Principles

In the preparation of this Report, the principles of materiality, quantification, balance, and consistency have been applied to define the content of this Report and presentation of information:

1. Materiality
This Report has identified key stakeholders and their sustainability concerns during its preparation. Responses to these concerns are provided herein according to their relative materiality. For detailed information, please refer to the sections on "Stakeholder Engagement" and "Double Materiality Assessment".

2. Quantification
This Report employs quantitative data to present key performance metrics across environmental and social dimensions. The measurement standards, methodologies, assumptions and/or calculation tools applied to the key performance metrics within this Report, along with the sources of conversion factors utilised, are explained at the relevant points.

3. Balance
This Report aims to transparently and objectively report on the Company's positive and negative sustainability information and performance, avoiding selections that may unduly influence the decisions or judgements of report readers.

4. Consistency
To facilitate comparison between ESG reports across different years, we have adopted consistent reporting formats and calculation methods wherever reasonably practicable. Any changes to methodologies are presented and detailed in the relevant sections.

Scope of Reporting

The organisational scope of this Report covers Chuangxin Industries and its subsidiaries. Unless otherwise stated, the scope of this Report is consistent with that of the Company's annual financial report.

Coverage Period

The information and data contained herein cover the period from 1 January 2025 to 31 December 2025 (hereinafter referred to as "2025" or "this year"). To enhance comparability and completeness, certain content may extend appropriately to preceding or subsequent periods.

Preparation Basis

This Report has been prepared in accordance with the *Environmental, Social and Governance Reporting Code* (hereinafter referred to as the "HKEX ESG Reporting Code"), Appendix C2 of the Main Board Listing Rules, and with reference to the Global *Reporting Initiative (GRI) Standards* issued by the Global Sustainable Standards Board, the United Nations Sustainable Development Goals (UN SDGs), *International Financial Reporting Sustainability Disclosure Standard* 2 – *Climate-related Disclosures* (IFRS S2), and the disclosure recommendations of the Task Force on Climate-related Financial Disclosures (TCFD).

Data Sources

All data disclosed in this Report is sourced from the Company's official documents and statistical data. Unless otherwise specified, measurements are expressed in metric units and currency amounts in Renminbi (RMB). In the event of any discrepancy between the English and Chinese versions of this Report, the Chinese version shall prevail.

Index of Company Member Abbreviations

Company Abbreviations and References	Full Company Name
Chuangxin Industries, We, the Company	Chuangxin Industries Holdings Limited
Inner Mongolia Chuangyuan	Inner Mongolia Chuangyuan Metal Co., Ltd.
Shandong Chuangyuan	Shandong Chuangyuan New Materials Technology Co., Ltd.

Report Feedback

Electronic versions of this Report are available for downloading and viewing on the Company's official websites (https://cn.innovationi-gi.com/) and the website of The Stock Exchange of Hong Kong Limited (https://www.hkex.com.hk/). Should you have any valuable suggestions or comments regarding this Report, please contact the Company via the following methods:

Company Address: Within Zone C, Southwest Industrial Park, Holingol City, Tongliao City, Inner Mongolia Autonomous Region
Telephone: 0475-273 9834
Email: nmcyzqb@nmcyjt.com

Chairman's Message



Mr. CUI Lixin

Chairman of Chuangxin Industries

For Chuangxin Industries, 2025 was a landmark year. During this year, the Company successfully listed on the Main Board of the Stock Exchange of Hong Kong Limited. The subscription performance of its shares was highly recognized by the international capital market, strongly validating its unique business model and vast development prospects. Concurrently, with the introduction of the *Implementation Plan for High Quality Development of Aluminium Industry (2025-2027)*, we deeply recognize that the Company must uphold high-level ESG practices to effectively implement the national three-year goals and tasks for the high-quality development of the aluminium industry. This is also crucial for seizing global opportunities on a broader international stage, resisting diverse risks, and consolidating the development resilience of a "World-Class Green Aluminium Industry Group". We firmly believe that sustainable development is not only a corporate responsibility but also a key driving force for us to continuously advance the transformation of our talents, products, energy, and capital, consolidate our advantages in cost, quality, technology, and service, and stride towards "Globalisation, Green Transformation, High-end Orientation, and Digital Intelligence".

In 2025, relying on our integrated ecosystem of "Energy – Alumina Refining – Aluminium Smelting", and adhering to the development strategy of "Vertical Integration, Green & Low-Carbon, Global Layout", we achieved steady growth and enhanced value thanks to a clear strategic layout, a solid industrial chain foundation, and continuous innovation investment. We also took solid steps forward in green manufacturing, technological innovation, and industrial synergy.

Over the past year, Chuangxin Industries addressed climate change, jointly building a green future. Facing the national "Dual Carbon" goals and the era's mission of green development, we have established a "Five-sphere Integrated" development system encompassing green energy, green production, green emissions, green products, and green recycling. In 2025, the Company accelerated wind power and photovoltaic projects with a total installed capacity of 1,750 MW in Inner Mongolia. By the end of the year, green electricity generation reached 764 million kWh, with the proportion of consumptive green power in the electrolytic aluminium segment reaching 30.7%, in response to national and industry standards. To systematically quantify and fulfill our emission reduction commitments, we have established medium-to-long-term goals: "Taking 2025 as the base year, Chuangxin Industries aims to achieve carbon peaking within its operational scope by 2029. By 2030, the emission intensity of electrolytic aluminium products is expected to decrease by 40% compared to the base year, the share of renewable energy used will reach no less than 45%, and achieve net-zero greenhouse gas emissions within its operational scope by 2055". Concurrently, we continuously reduce the environmental impact of energy and resource consumption and waste, safeguarding the harmonious balance of the natural ecology through technological innovation and strict management. In 2025, we maintained zero discharge of production wastewater and waste gas emissions far below national standards, optimising the circular chain of "Prioritising Waste Reduction, Enabling Reuse, and Achieving Closed-loop Resource Recovery". High-risk wastes such as spent pot lining, carbon anode slag, and red mud were treated harmlessly and utilised as resources. By 2026, our target for the comprehensive utilisation rate of red mud is over 19%. Furthermore, our outstanding performance has received multiple recognitions: Inner Mongolia Chuangyuan was honored as a National-level Green Factory, and Shandong Chuangyuan was recognized as a Provincial-level Green Factory and obtained Aluminium Stewardship Initiative (ASI) certifications.

“

Over the past year, Chuangxin Industries adhered to a people-oriented approach, jointly shaping a responsible enterprise. The new voyage towards a global footprint demands that our products, technologies, and services withstand the scrutiny of the world's strictest standards, and that our team possesses exceptional cross-cultural communication, operation, and management capabilities. Towards our employees, we have built a closed-loop talent system of "Empowerment – Growth – Mutual Success", continuously optimising the "Dual Series, Four Pathways" promotion system to provide a stage for employees to realize their value and create an equal, diverse, and inclusive workplace environment. Regarding quality and innovation, we firmly believe that quality is the cornerstone of brand reputation, and innovation is the inexhaustible driving force for corporate development. In 2025, we increased capital investment, meticulously researching and optimising production quality and efficiency through continuous independent R&D and technological transformation, innovation incentive systems, and automation and intelligentisation empowerment. Throughout the year, we carried out 220 technical transformation projects, received national special subsidy funds of 126.9791 million RMB, and held a total of 131 patents. Concurrently, we integrated ESG management standards throughout the entire lifecycle, from suppliers, raw materials to product transportation. By strictly controlling quality and focusing on efficiency, we achieved an output per capita in electrolytic aluminium of 2.2 to 2.6 times the industry average, and a 100% product qualification rate, providing global customers with safe, reliable, durable alumina and electrolytic aluminium products, along with excellent service experiences. Regarding community development, we adhere to the principle of "Good-neighborly Coexistence, Practical Dispute Resolution", effectively safeguarding the legitimate rights and interests of indigenous residents, establishing transparent grievance and communication mechanisms for local communities, and investing public welfare resources, particularly in areas such as rural revitalization, education, and public facilities, to share value created. In 2025, the Company established a volunteer team comprising 235 employees, and total volunteer hours contributed exceeded 1,880 hours, benefiting a total of 43 individuals in need.

Over the past year, Chuangxin Industries strengthened corporate governance, jointly forging excellence in governance. In a changing market environment, we adhere to our original aspiration, operate with integrity, and pursue steady development, safeguarding the Company's stable progress with high standards of corporate governance. We consistently uphold the bottom line of business ethics, building a solid foundation for compliant operations through comprehensive integrity training and risk identification mechanisms. We strictly comply with laws, regulations, and regulatory requirements, resolutely maintain a fair competition market order, respect and protect intellectual property rights, and continuously promote integrated digital-intelligent innovation to empower corporate management. The opportunity of listing on the Stock Exchange of Hong Kong Limited prompted us to further review and enhance the international standards of our internal control and risk management, strengthen Board diversity and capability building, and ensure scientific and compliant corporate decision-making. We also established an Environmental, Social and Governance (ESG) Committee under the Board, bringing together directors and senior executives with backgrounds in environmental protection, safety, law, and governance to further enhance the professionalism and implementation capability of the Company's ESG strategy.

Innovation sets sail towards the world. In the future, Chuangxin Industries will always uphold the corporate spirit of "Seeking Truth from Facts, Pioneering with Innovation", practice the core philosophy of "Innovation Shapes the Future", promote the "Create and Share Together" family culture, take sustainable development as the core direction, firmly advance green transformation and industrial upgrading, and enhance our practices in environmental protection, social responsibility, and corporate governance. We will embrace changes with a more open attitude, write a new chapter in the internationalisation of Chinese national enterprises, and join hands with shareholders, customers, employees, partners, and all sectors of society to jointly promote the aluminium industry towards a greener, more efficient, and sustainable future.

”

Board Statement

The Board of Directors of Chuangxin Industries places high importance on Environmental, Social and Governance (ESG) matters, regarding them as key to driving the Company's high-quality development and creating long-term value for stakeholders. In accordance with the *Listing Rules* and its appendices of the Stock Exchange of Hong Kong Limited, the *Articles of Association*, and the *Terms of Reference of ESG Committee*, the Company has established a cross-functional ESG governance structure extending from the Board to various departments, ensuring the organic integration of business decision-making and operational management with the sustainable development vision.

The Board exercises comprehensive and highest-level supervision over ESG matters and is responsible for the Company's ESG strategy and disclosure. The Board's core supervisory functions include overseeing the formulation and implementation of the Company's ESG and climate-related strategies, risk management, and the setting and achievement of targets. ESG Committee and climate change affairs. Additionally, the Board routinely monitors and ensures the Company possesses personnel with appropriate skills, policies and resources, and oversees the operational effectiveness of the ESG-related remuneration assessment system and governance structure.

The Board continuously studies and refers to mainstream international ESG management practices, identifying, assessing, and managing the Company's material ESG topics based on stakeholder communication and the Company's business conditions. The Company has fully integrated ESG risks into its overall risk management. The Board evaluates and makes decisions on significant ESG risk matters, incorporating assessments of ESG and climate-related risks and opportunities into development strategies, major transaction decisions, and business risk evaluations. Through approving double materiality analyses, reviewing specific ESG risk assessments, and continuously collecting and scanning core stakeholder demands, the Board regularly evaluates and prioritises ESG topics, and periodically reviews related risks, impacts, and response plans. For details, refer to the sections "Sustainable Development Management", "Double Materiality Assessment", and "Transition to Address Climate Change" of this Report.

Regarding targets, the Board approves, supervises, and regularly reviews the progress and achievement of ESG and climate-related targets annually. In the core segments of electrolytic aluminium and alumina, the Board deeply links the strategic vision of becoming a "World-Class Green Aluminium Industry Group" to topics such as climate change, energy and resource efficiency, renewable energy, occupational health and safety, and product quality and safety during strategic and operational analyses. It further calibrates and assesses their priority through double materiality assessment, identifying them as key focus areas for current ESG goals. ESG targets are proposed by the ESG Committee after research and then approved by the Board. To facilitate target achievement, the Board oversees the integration of multi-dimensional ESG performance, including climate change and production safety, into the remuneration assessment system for senior executives and business heads, enhancing driving management efficiency. The quantified progress of targets is reported periodically from the bottom up by the ESG governance structure to the Board, enabling the Board to assess and adjust based on target progress in a timely manner.

This Report discloses the aforementioned environmental, social, and governance matters in detail and has been reviewed and approved by the Board on March 17, 2026. The Board of Directors and all directors of the Company guarantee that there are no false representations, misleading statements, or material omissions in this Report.

About Us

Company Profile

Chuangxin Industries specialises in the production of electrolytic aluminium and alumina within the upstream aluminium industry chain. We have established an integrated ecosystem for the electrolytic aluminium industry chain characterised by high self-sufficiency, strong complementarity and synergy, encompassing energy–alumina refining–aluminium smelting. We are committed to realising our development vision of becoming a "World-class Green Aluminium Industry Group". The Company's operations are primarily divided into the production and sale of electrolytic aluminium, alumina, and other related products.

We operate an aluminium smelter with an annual capacity of 788,100 tonnes in Holingol City, Inner Mongolia, a region endowed with scarce resource advantages. Adjacent to the smelter, we have constructed a coal-fired power plant equipped with six generating units, each with an installed capacity of 330 megawatts, ensuring a stable power supply for our electrolytic aluminium production. In Binzhou City, Shandong Province, adjacent to an aluminium ore import port, we operate an alumina refinery with an annual capacity of 1.2 million tonnes. This facility provides cost-effective, high-quality, sufficient, and sustainable alumina supply for our electrolytic aluminium production. In addition to alumina, we also have an annual production capacity of 2.98 million tons of aluminium hydroxide, which is often produced as an intermediate in the Bayer process and can be calcined to produce alumina. We also secured the regulatory approval for 6 million tons of production capacity of alumina calcined from aluminium hydroxide in 2025 and are producing with a production capacity of 2 million tons per year of alumina calcined from aluminium hydroxide. Upon completion, the Company's total annual alumina production capacity will be at least 3 million tons.

Over the past year, the Company adhered to its development strategy of "Vertical Integration, Green & Low-Carbon, Global Layout". We continuously optimised our industrial structure, strengthened cost control, advanced energy transition, and actively expanded overseas markets. Overall operational performance showed steady improvement, with core competitiveness continuously enhanced. In 2025, the Company's operating revenue reached 18.681 billion RMB, with sales revenue from electrolytic aluminium of 13.622 billion RMB, accounting for 72.92% of our total revenue; sales revenue from alumina and other related products totalled 4.417 billion RMB, accounting for 23.64% of our total revenue. Our subsidiary Inner Mongolia Chuangyuan ranked ninth among Inner Mongolia's top 100 private enterprises and fifth among the region's top 50 manufacturing enterprises in 2025; Our subsidiary Shandong Chuangyuan was awarded "Provincial-level Green Factory" in 2025.



Our Business

Electrolytic Aluminium

The Company utilises its captive smelting facilities to produce molten aluminium and aluminium ingots. These products are processed by aluminium alloy manufacturers into aluminium alloy materials, finding extensive application across industries including 3C electronics, automotive lightweight, green energy, transportation, industrial materials, and construction. Moving forward, we will fully leverage wind and solar energy to establish a stable green electrolytic aluminium business.

Alumina

The Company produces alumina at its own refinery. After meeting internal smelting requirements for electrolytic aluminium, surplus alumina is sold externally as the primary product. This segment also encompasses the production and sale of aluminium hydroxide products.

Corporate Culture

Our Mission — **Through Green Innovation Continuously Unlocking the Technological Potential of the Aluminium Industry**

Innovation represents the transformation of green aluminium materials and production methods, while also embodying profound foresight and shaping of the future. It is rooted in our corporate values and integrated throughout our entire production operations and decision-making processes. We are committed to reshaping the future of the aluminium industry through innovative technologies and concepts.

Our Vision — **Building a World-Class Green Aluminium Industrial Group, Leading the Future Development of the Industry**

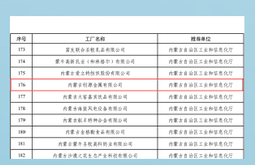
We are driving an innovation revolution that transcends temporal and geographical boundaries. Together with the entire industry and the world, we aim to build a green, efficient, and sustainable global aluminium ecosystem.

Our Values — **Seek Truth and Be Pragmatic, Drive Innovation and Creation, Practice Empathy and Understanding**

We firmly believe that the pursuit of truth is the driving force behind progress. We encourage every employee to question boldly and focus on practice; we foster curiosity and a spirit of exploration, urging staff to embrace new challenges, continually surpass themselves, and achieve shared growth with the Company. Equal communication and sincere treatment are in our corporate DNA. Respecting every employee's voice is our guiding principle, and we take pleasure in sharing success with our staff and customers.

Honours and Highlights

Honours and Awards of the Year



National-level Green Factory
(Inner Mogolia Chuangyuan)



Outstanding Unit in Supporting CPPCC Work
(Inner Mogolia Chuangyuan)



Municipal Green Factory
(Shandong Chuangyuan)



9th Place in Inner Mongolia's Top 100
Private Enterprises



5th Place in Inner Mongolia's Top 50 Private
Manufacturing Enterprises



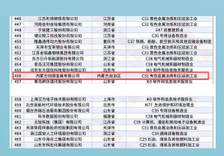
China's Top 500 Private Manufacturing Enterprises
(Inner Mogolia Chuangyuan)



Provincial-level Green Factory
(Shandong Chuangyuan)



2025 Special Contribution Enterprise for Promoting
High-Quality Development in Small and Medium-Sized Cities
(Inner Mogolia Chuangyuan)



456th Place among China's Top 500 Private
Enterprises in R&D Investment
(Inner Mogolia Chuangyuan)



2025 Non-Ferrous Metals Industry Enterprise
Credit Rating Result: "AAA" Grade
(Inner Mogolia Chuangyuan)



Outstanding Private
Enterprise of 2025
(Inner Mogolia Chuangyuan)



Municipal-Level Healthy Enterprise
(Shandong Chuangyuan)



"Level 3 Certification" in Digital
Transformation Assessment
(Inner Mogolia Chuangyuan)



China's Premium Electrolytic
aluminium Producer
(Inner Mogolia Chuangyuan)



Third Prize in Third Energy Electronics Industry
Innovation Competition and Fourth Advanced
Energy Storage Technology Innovation Challenge
(Inner Mogolia Chuangyuan)

Key ESG Performance Metrics for 2025

	Key Metric	Unit	2025
Environmental	Greenhouse Gas Emissions (Scope 1 and Scope 2)	million tonne of CO_2 equivalent	12.36
	Indirect Greenhouse Gas Emissions (Scope 3)	million tonne of CO_2 equivalent	24.16
	Greenhouse Gas Emissions per Million RMB of Revenue (Scope 1 and Scope 2)	tonne of CO_2equivalent per million RMB of revenue	661.66
	Other Indirect (Scope 3) Greenhouse Gas Emissions per Million RMB of Revenue	tonne of CO_2equivalent per million RMB of revenue	1,293.42
	Green Electricity Generation	million kWh	764
	Share of Renewable Energy Consumption in Electrolytic Aluminium Operations	%	30.70
	Green Electricity Certificates Purchased	certificates	1,513,400
	ISO 50001 Energy Management System Coverage	%	100
	ISO 14001 Environmental Management System Coverage	%	100
	Proportion of National/Provincial-Level Green Factories	%	100
	Wastewater Reuse Rate	%	100
	Waste Gas Emission Intensity	tonne per million RMB of revenue	0.19
	Recycled and Reused Waste per Million RMB of Revenue	tonne per million RMB of revenue	77.42
	Coverage Rate of Core Risk Scenarios in Environmental Emergency Drills	%	100
Social	ISO 9001 Quality Management System Coverage	%	100
	Innovation and Technological Upgrade Projects	item	220
	Number of Patents Held	item	131
	Total Number of Employees	person	4,050
	Local Employment Ratio	%	40.89
	Ethnic Minority Employee Ratio	%	27.68
	Number of Ex-service Personnel Recruited	person	76
	Average Training Hours per Employee	hour	30
	ISO 45001 Occupational Health and Safety Management System Coverage	%	100
	Investment in Workplace Safety	million RMB	55.23
	Average Safety Training Hours per Employee	hour	21.24
	Fatality Rate	%	0
	Occupational Disease Rate	%	0
	Employee Volunteer Service Hours	hour	1,880
Governance	Proportion of Independent and External Directors	%	37.50
	Proportion of Female Directors	%	37.50
	Employee Coverage of Anti-Corruption Training	%	100
	Number of Corruption-Related Litigation Cases	case	0
	Number of Major Risk Incidents	case	0


ASI CERTIFICATION
PERFORMANCE
STANDARD

asi CERTIFIED PERFORMANCE

PRESENTED TO

Shandong Chuangyuan New Material Technology Co., Ltd.

CERTIFICATE NUMBER
463

ASI STANDARD
PERFORMANCE STANDARD (V3 2022)

CERTIFICATION LEVEL
FULL CERTIFICATION

ASI ACCREDITED AUDITING FIRM
SGS-CSTC STANDARDS TECHNICAL SERVICES

DATE OF ISSUE
11 AUGUST 2025

DATE OF EXPIRY
10 AUGUST 2028

CERTIFIED SINCE
11 AUGUST 2025

AUTHORISED BY

CERTIFICATION SCOPE

Alumina Refining process for the manufacture of Alumina at Shandong Chuangyuan New Material Technology Co, Ltd, China

Aluminium Stewardship Initiative Ltd
ACN 606 661 125, Australia
info@aluminium-stewardship.org

Validity of this Certificate is subject to continued conformance with the applicable ASI Standard and can be verified at
www.aluminium-stewardship.org


ASI CERTIFICATION
CHAIN OF CUSTODY
STANDARD

asi CERTIFIED CHAIN OF CUSTODY

PRESENTED TO

Shandong Chuangyuan New Material Technology Co.,Ltd.

CERTIFICATE NUMBER
464

ASI STANDARD
CHAIN OF CUSTODY STANDARD (V2 2022)

CERTIFICATION LEVEL
FULL CERTIFICATION

ASI ACCREDITED AUDITING FIRM
SGS-CSTC STANDARDS TECHNICAL SERVICES

DATE OF ISSUE
11 AUGUST 2025

DATE OF EXPIRY
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Validity of this Certificate is subject to continued conformance with the applicable ASI Standard and can be verified at
www.aluminium-stewardship.org

The alumina segment has obtained the Aluminium Stewardship Initiative (ASI) Performance Standard Certification and Chain of Custody Standard Certification

Integrated Electrolytic Aluminium Value Chain Project with an Annual Production Capacity of 500,000 Tonnes in Saudi Arabia

Against the backdrop of continued globalisation and rising overseas demand for downstream aluminium products, the Company has actively responded to the Belt and Road Initiative. In 2025, in partnership with its collaborators, the Company invested in the construction of an integrated electrolytic aluminium value chain project in Saudi Arabia with an annual production capacity of 500,000 tonnes. We expect that the subsequent commissioning of these overseas projects will further enhance our operating performance and support our vision of becoming a "World-class Green Aluminium Industry Group."

As of the end of 2025, the Saudi project had made key progress in both compliance approvals and on-site construction. The project has successfully obtained the relevant land use rights and construction permits, and has fully complied with local mandatory environmental requirements, including completion of the Environmental Impact Assessment (EIA) and a dedicated vegetation study for the project site. In terms of engineering preparation, detailed site investigations for Phase I have been fully completed, construction drawings are being issued in accordance with the schedule, the workers' living camp has been preliminarily established, and both access roads and internal plant roads have been compacted. On-site water and power supply have been effectively secured. The project site is now equipped with the necessary conditions to fully commence construction activities in 2026. The project has commenced successively, with an estimated construction period of 12 to 18 months.

During the construction phase, the Company has implemented a systematic ESG management approach. Project management is closely aligned with international standards, including the International Finance Corporation (IFC) Performance Standards and the Equator Principles (EP4). A management framework consisting of an Environmental and Social Management System (ESMS) and a Construction Environmental Management Plan (CEMP) has been built to ensure rigorous control of environmental impacts and social risks throughout the construction process. The project's Construction Environmental Management Plan (CEMP) has been approved by the local Royal Commission of Saudi Arabia and is under its supervision for implementation.

From an environmental perspective, the project will procure electricity from National Grid SA. By leveraging the transition of National Grid SA toward a 50% renewable energy share by 2030 and relying on the expansion of local energy infrastructure, the project is expected to achieve further carbon emissions reduction over time. From a social perspective, the project will be operated by an experienced professional team and will employ local workers with competitive market-based remuneration. It aims to increase the localisation rate of its workforce to over 30%, thereby creating employment opportunities for local and surrounding communities. The Company is committed to providing stringent health and safety standards, comprehensive welfare and recreational facilities, and an inclusive and supportive working environment.



01

Sustainable Development Management

Chuangxin Industries places high importance on sustainable development governance, fully integrating ESG principles into corporate management and risk systems. The Company assesses and manages sustainability priorities by synthesising stakeholder expectations from clients, employees, investors and others, responding to these expectations through extensive and secure channels. We employ a double materiality assessment to ensure comprehensive consideration of both internal and external impacts of ESG issues. Concurrently, we align our long-term sustainability objectives with the United Nations Sustainable Development Goals (SDGs), ensuring our business operations maintain positive synergy with broader shared global societal objectives.



ESG Governance

ESG Governance Framework

Chuangxin Industries ensures the organic integration of commercial decision-making and operational management with its sustainability vision through the establishment and improvement of an ESG governance framework. The Company has implemented a cross-functional ESG governance structure featuring vertical integration and horizontal coordination. This ensures that ESG strategies and management principles set at the Board level permeate every functional and operational layer through clearly defined responsibilities, providing a rigorous and solid organisational foundation for the Company's sustainable development. This ESG governance framework comprises the Board of Directors, the Board ESG Committee, the ESG Working Group, and departmental ESG teams, collectively forming a closed-loop ESG management system spanning top-level design to implementation. To further incentivise the operational efficiency of this system, the Company has incorporated multi-dimensional ESG performance metrics, including climate change and workplace safety, into the remuneration assessment systems for senior executives and business heads.

Board of Directors

- Plan and formulate the Company's ESG strategy; identify, assess, and manage the Company's material ESG issues based on stakeholder engagement and business operations.
- Oversee the Company's ESG strategy; review ESG management strategies, ESG development objectives, ESG management systems, and ESG disclosure documents.
- Assess and decide on significant ESG risk matters; incorporate evaluations of ESG and climate-related risks and opportunities into development strategies, major transaction decisions, and business risk assessments.
- Oversee and conduct annual reviews of progress and implementation against ESG objectives and climate-related targets.

Environmental, Social and Governance (ESG) Committee of the Board

- Research and monitor ESG and climate change trends relevant to the Company, and conduct studies on the Company's ESG strategic objectives, planning, and systems, submitting recommendations to the Board.
- Coordinate the implementation of ESG initiatives, support the integration of ESG factors into corporate strategies, major transaction decisions, and internal control monitoring systems, and coordinate the allocation of specialised internal and external resources.
- Regularly review the Company's ESG and climate-related risks, opportunities, and their impacts, and deliberate on the Company's risk response strategies.
- Oversee the Company's ESG management practices and its commitments and performance regarding climate change and related issues.
- Review the public disclosure of ESG reports and other material ESG-related information in accordance with all applicable laws, regulations and regulatory requirements.
- Other matters stipulated by laws, administrative regulations, departmental rules, and authorised by the Board.

ESG Working Group

- Advance the effective implementation of ESG strategies and plans through strategic cascading, policy drafting, management optimisation, and training.
- Compile and analyse operational ESG risks and issues; regularly identify the Company's climate-related risks and opportunities along with their implications to support decision-making.
- Consolidate and analyse ESG and carbon emissions data, preparing ESG reports and related disclosure materials.
- Coordinate ESG initiatives across relevant subsidiaries, establishing an efficient ESG collaboration network with subsidiaries and stakeholders.
- Monitor progress towards ESG, climate, and related phased objectives, providing regular updates on the fulfilment of ESG and climate-related targets to the ESG Committee.

Departmental ESG Team

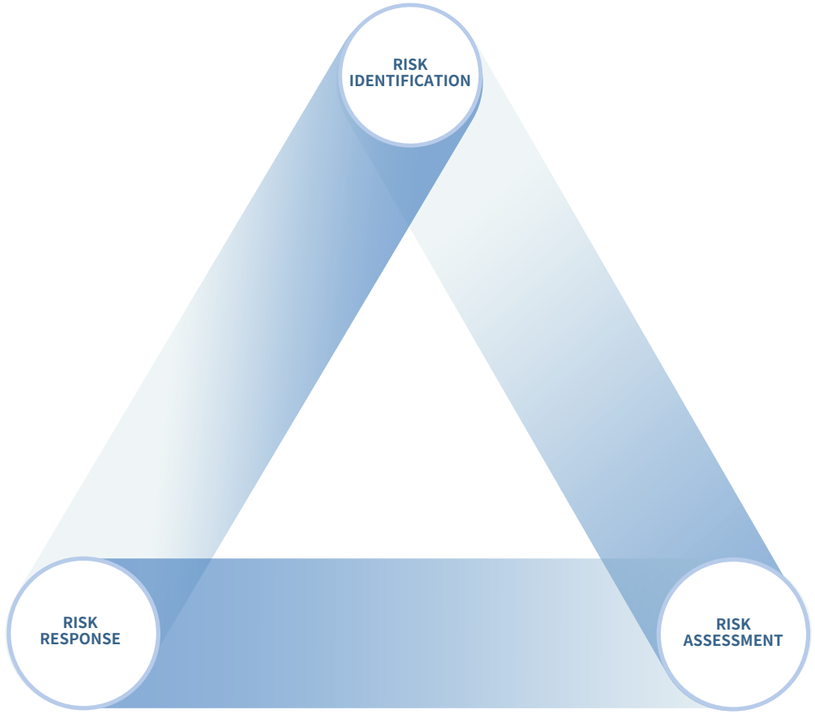
- Implement ESG work plans to ensure effective execution of ESG-related tasks at the departmental level.
- Support ESG disclosure by periodically collecting, collating, and reviewing ESG and climate data and information from subsidiaries and departments as required.
- Collect and collate ESG activities and risk matters from subsidiaries and departments as required, promptly reporting and providing feedback to higher-level bodies.
- Participate in ESG and climate-related awareness-building and training activities to continuously enhance understanding and practical capabilities in ESG work.

ESG Risk Management

We recognise that ESG risks and opportunities are two sides of the same coin. Consequently, the Company has integrated ESG management risks, including climate change risks, into its overall risk management framework, establishing a multi-tiered ESG risk management system.

The Board of Directors assesses and decides on significant ESG risk matters; the Board ESG Committee regularly reviews ESG-related risks, impacts, and corresponding mitigation strategies; the ESG Working Group aggregates and analyses operational ESG risks and issues, periodically identifying the Company's climate-related risks, opportunities, and their implications. Comprehensive risk identification across subsidiaries is conducted dynamically by respective departments within their functional scopes, with regular cross-departmental consolidation and timely reporting and feedback to senior management.

Within the ESG risk management framework, we employ the ESG double materiality assessment methodology to assess priorities for ESG risk management, and reference the Task Force on Climate-related Financial Disclosures (TCFD) framework to manage climate-related risks and opportunities. In integrating ESG risk management into the overall risk management framework, we prioritise embedding ESG issues with dual materiality into the Company's risk management processes through top-down implementation plans, while continuously refining other high-priority ESG risk topics. Subsidiaries' departments conduct regular inspections and documentation of ESG risks through routine risk management processes, submitting findings to senior management for review and analysis of factors such as likelihood, impact severity, and irreparability. Concurrently, they utilise internal ESG risk identification tools to continuously scan for and alert on other potential risks, forming a closed-loop process of "risk identification – risk assessment – risk response".



ESG Capability Development

Amidst the overall improvement of ESG management standards in both domestic and international markets, and the constant refinement of China's "dual carbon" policies and implementation frameworks, we strive for excellence in sustainability capabilities. We empower both corporate ESG advancement and employee development through cutting-edge management methodologies. To this year-end, our internal ESG team delivered targeted ESG training to personnel across all levels in 2025, engaging over 70 participants. The training covered modules including ESG and dual-carbon management systems, ESG methodologies, ESG information and data management, ESG case studies, carbon management development and trends, and carbon management workflows and skills, combining theoretical depth with practical value. Key content was reviewed and validated post-training through practical examinations and other assessment methods.

70+

Participants Engaged in ESG Training



Chuangxin Industries Successfully Hosts "ESG Management System and Capability Building Conference"

In December 2025, Chuangxin Industries convened the "ESG Management System and Capacity Building Conference," attended by over 60 participants including core executives, department heads, and ESG specialists. The training session lasted 1.5 hours. The conference systematically outlined the ESG theoretical framework from compliance adherence to value creation, further clarifying the cross-functional ESG governance structure characterised by "vertical integration and horizontal coordination". It detailed ESG implementation methodologies and practical aspects such as ESG information and data collection management. The aim was to comprehensively enhance green development capabilities, operational resilience, and governance standards by optimising the integration of the ESG management system with specific tasks and executing personnel.



Chuangxin Industries Conducts Specialised Green and Low-Carbon Management Training to Strengthen "Dual Carbon" Talent Base

In December 2025, Chuangxin Industries successfully conducted a specialised training on green and low-carbon management. Focusing on carbon management contexts, organisational structures, and operational workflows, the programme enhanced participants' professional competencies through policy analysis and practical exercises. Aligned with operational realities, this training provided robust support for subsequent tasks such as carbon inventory. Moving forward, the Company will continue refining its carbon management system to embed carbon governance deeply across all production and operational processes.

Stakeholder Engagement

Chuangxin Industries recognises that constructive engagement with stakeholders is fundamental to the Company's long-term development. The Company has systematically identified key stakeholder groups and established regular response mechanisms to address their diverse concerns. Through periodic disclosure of policy updates, operational developments, and sustainability outcomes, the Company continually enhances the timeliness and transparency of its stakeholder feedback system.

Chuangxin Industries' Stakeholder Engagement Methods and Content

Stakeholders	Engagement Methods	Issues of Concern
Shareholders and Investors	Shareholders' Meetings Annual/Interim Reports Company Announcements/Press Releases Site Visits Research and Surveys Investor Briefings and Roadshows	Intellectual Property Protection and Technological Innovation Product Quality and Safety Customer Relationship Management Climate Change
Government and Regulatory Bodies	Regular Meetings with Regulatory Bodies Workshops Regular Reporting Site Visits High-level Meetings Policy Consultation	Business Ethics and Anti-Corruption Compliance and Risk Management Water Resource Management Occupational Health and Safety Community Relations and Engagement Ecosystem and Biodiversity Conservation
Board of Directors and Company Management	Work Reports High-level Meetings Site Visits Board of Directors Routine Enquiries	Good Corporate Governance Product Quality and Safety Intellectual Property Protection and Technological Innovation Business Ethics and Anti-Corruption Compliance and Risk Management Responsible Supply Chain Energy and Resource Efficiency Renewable Energy
Staff	Staff Council Symposium Staff Feedback Email Internal Office Software Employee Satisfaction Survey Training Internal Announcements	Occupational Health and Safety Staff Development and Training Employment, Remuneration and Benefits Labour Standards Diversity, Equality and Inclusion
Customers	Business Communication Customer Feedback Customer Satisfaction Survey Social Media	Product Quality and Safety Customer Relationship Management Circular Economy Waste and Pollutant Management Atmospheric Emissions Management Climate Change Energy and Resource Efficiency Renewable Energy
Industry Peers and Business Partners	Tendering and Procurement Access and Evaluation Site visits Workshops and Forums	Sustainable Supply Chain Product Management Occupational Health and Safety
Community and Public Engagement	Public Welfare Activities Community Activities Press Conferences Social Media Workshops Public Notices	Community Relations and Engagement Intellectual Property Protection and Technological Innovation Climate Change Atmospheric Emissions Management

Double Materiality Assessment

The Company references internationally recognised sustainability disclosure methodologies to conduct double materiality assessments every two years, guiding the prioritisation of ESG initiatives. On the one hand, we focus on "financial materiality", analysing the significant impact of issues on the organisation's financial performance, strategy implementation and operational stability, identifying key concerns that may affect long-term profitability and risk management. On the other hand, we anchor ourselves to "impact materiality", thoroughly assessing the significant impact of issues on the economic system, the natural environment and stakeholders, ensuring the identification of core issues with significant external impacts on sustainable development.

01 ESG Issue Identification

The Company has identified 26 ESG issues by comprehensively aligning with the *ESG Reporting Code* of the Stock Exchange of Hong Kong Limited, rigorously benchmarking against GRI and Sustainability Accounting Standards Board (SASB) standards, integrating aluminium industry characteristics and local regulatory requirements, incorporating strategic development objectives and sector-wide trends, and consulting expert opinions.

Chuangxin Industries ESG Issues

Dimension	ESG Issue	Dimension	ESG Issue
• Environmental	Atmospheric Emissions Management	• Social	Employment, Remuneration and Benefits
	Energy and Resource Efficiency		Occupational Health and Safety
	Renewable Energy		Labour Standards
	Climate Change		Diversity, Equity and Inclusion
	Water Resource Management		Staff Development and Training
	Ecosystem and Biodiversity Conservation		Responsible Supply Chain
	Waste and Pollutant Management		Product Quality and Safety
	Circular Economy		Data Security and Customer Privacy
	Mineral Resource Management		Customer Relationship Management
• Governance	Good Corporate Governance		Intellectual Property Protection and Technological Innovation
	Compliance and Risk Management		Economic and Social Contribution
	Business Ethics and Anti-Corruption		Industry Development Collaboration
	Stakeholder Engagement		Community Relations and Engagement

02 Double Materiality Assessment of Issues

Impact Materiality Assessment:
Based on the results of 523 questionnaires collected from stakeholders including investors, customers, suppliers, employees, and regulators, the Company conducted an in-depth analysis of the actual or potential environmental and social impacts of its operations. Through quantitative scoring and assigning weights to different stakeholder groups, an impact materiality score was established for each issue, ensuring the expectations of all parties regarding our sustainable development were fully considered and balanced.

Financial Materiality Assessment:
Guided by the International Sustainability Standards Board (ISSB)'s *IFRS Sustainability Disclosure Standards*, the Company quantified the potential impact of ESG issues on its financial performance, cash flow, and capital access through internal interviews. It established percentage thresholds for different levels of impact on revenue and profit. Respondents scored each issue based on its financial significance and likelihood of occurrence, thereby determining the financial materiality score for each topic.

03 Issue Ranking and Outcome Generation

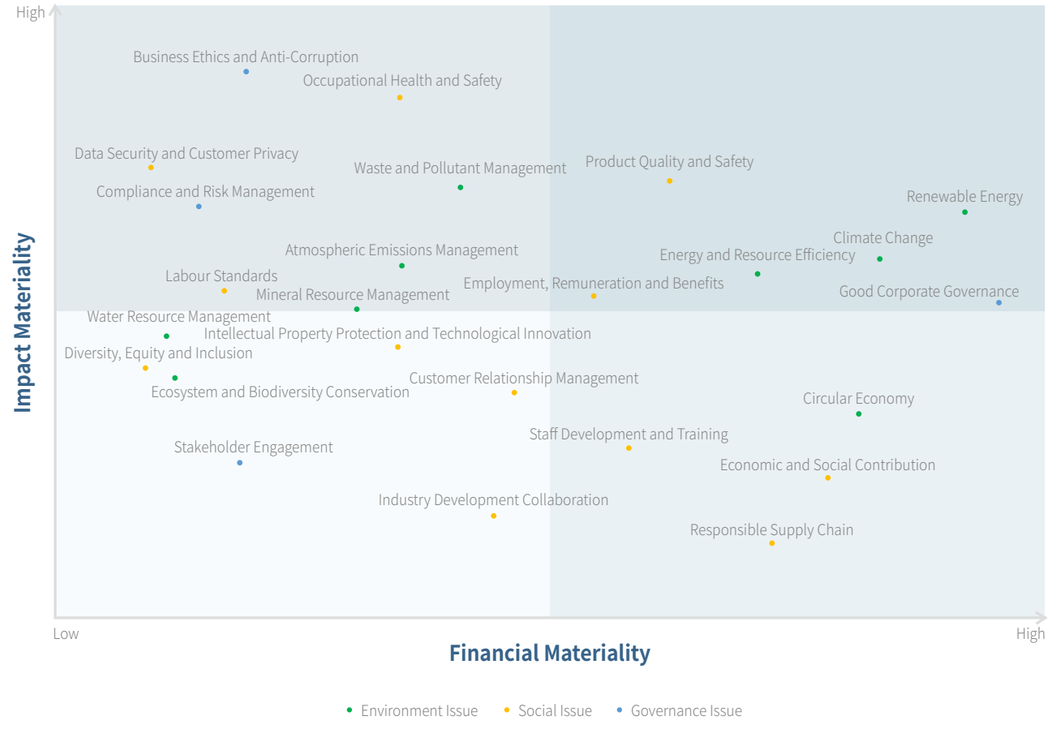
Based on the above, the Company converted information gathered from interviews and questionnaires into quantitative scores. Issues were ranked based on their comprehensive scores in terms of "financial materiality" and "impact materiality", ultimately yielding Chuangxin Industries' 2025 Double Materiality Assessment Results Matrix.

The following six issues demonstrate dual materiality and, owing to their significance, are linked to multiple management objectives: good corporate governance, renewable energy, climate change, energy and resource efficiency, product quality and safety, and employment, remuneration and benefits.

The following three issues exert the greatest impact on external stakeholders. Owing to their impact, we will maintain enhanced management and rapid response mechanisms for these in daily operations and external communications: business ethics and anti-corruption, occupational health and safety, and product quality and safety.

Following a comprehensive assessment, we have identified three most material topics with the greatest impact on our business: good corporate governance, renewable energy, and climate change. Good corporate governance affects us from both risk and opportunity perspectives. Over the past one to two years, the Company's Board of Directors and senior management have been involved in significant decision-making related to overseas expansion and capital expenditures. The quality of governance and decision-making may therefore have substantial financial implications for our investments and business opportunities. To address this, we maintain high standards of corporate governance, ensuring that Board members possess strong expertise and complementary skill sets. At the same time, we engage external expert advisors and leverage high-quality Board training resources to support and enhance major decision-making processes. Renewable energy impacts us from both cost and opportunity perspectives. Our green electricity demonstrates a significant cost advantage over thermal power, while also enabling us to capture business opportunities in low-carbon aluminium orders. Accordingly, we are accelerating the development of existing new energy projects and will continue to explore additional related opportunities. Climate change affects us from both risk and opportunity perspectives. It may pose risks to our operational sites and operating models through both physical and transition risks. At the same time, it presents systemic opportunities, including low-carbon aluminium, new energy development, carbon cost advantages, enhanced energy and production resilience, and strengthened long-term competitiveness. In response, we continue to conduct analyses on climate-related risks and opportunities, improve our capabilities in quantitative risk assessment, and formulate and advance our carbon emissions targets in line with mainstream methodologies, with the aim of ultimately achieving both economic benefits and a successful low-carbon transition.

Chuangxin Industries' 2025 Double Materiality Assessment Results



SDGs Response

The Company actively responds to the pressing demands for sustainable development in China and globally, promoting collective progress towards a sustainable future. Consequently, we align our long-term corporate sustainability objectives with the United Nations Sustainable Development Goals (UN SDGs), ensuring our business operations maintain positive synergy with the broader shared goals of the global community.

The Company' s Long-Term Sustainability Goals	United Nations Sustainable Development Goals	Progress in 2025
Climate Change		
• Taking 2025 as the base year, the Company aims to achieve carbon peaking within its operational scope by 2029. By 2030, the emission intensity of electrolytic aluminium products is expected to decrease by 40% compared to the base year, the share of renewable energy used will reach no less than 45%, and achieve net-zero greenhouse gas emissions within its operational scope by 2055	7 AFFORDABLE AND CLEAN ENERGY 12 RESPONSIBLE CONSUMPTION AND PRODUCTION 13 CLIMATE ACTION	• Efficient operation of ISO 50001 Energy Management System Certification across all subsidiaries • The renewable energy consumption ratio of Chuangxin Industries reached 27.46% • The renewable energy consumption ratio of electrolytic aluminium production reached 30.7%
Environmental Management		
• Continuously reduce environmental impact and protect ecological harmony through energy conservation, waste reduction and resource recycling throughout the entire life cycle	6 CLEAN WATER AND SANITATION 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE 12 RESPONSIBLE CONSUMPTION AND PRODUCTION 14 LIFE BELOW WATER 15 LIFE ON LAND	• Efficient operation of ISO14001 Environmental Management System Certification across all subsidiaries • Zero discharge of production wastewater; 100% of subsidiaries were awarded the title of "Water-Saving Enterprise" • Near-zero emissions of electrolytic aluminium flue gas; ultra-low emissions of alumina calcination furnace gas; ultra-clean emissions of gas from captive power plants and combined heat and power (CHP) facility • 100% compliant disposal of waste; all waste emission targets were achieved; multiple resource utilisation practices were carried out for spent pot lining, carbon anode slag, spent anodes, red mud, and waste aluminium • Inner Mongolia Chuangyuan was awarded "National-level Green Factory"; Shandong Chuangyuan was awarded "Provincial-level Green Factory"
Employee Health and Well-being		
• Continuously achieve zero work-related fatalities and zero major or above work-related injuries; continuously build an innovative, competitive, harmonious, and inclusive working environment	3 GOOD HEALTH AND WELL-BEING 5 GENDER EQUALITY 8 DECENT WORK AND ECONOMIC GROWTH 10 REDUCED INEQUALITIES	• Zero work-related fatalities, zero major or above work-related injuries, and zero occupational diseases • Efficient operation of ISO 45001 Occupational Health and Safety Certification across all subsidiaries • 100% coverage rate of employees' social insurance • 27.68% of employees were from ethnic minorities, and the local employment rate was 40.89% • 76 ex-service personnel have been employed • 33 children of employees have received assistance • Leveraged initiatives centred on "enriching recreational activities, delivering holiday warmth, and enhancing care programs", a comprehensive platform that combines financial incentives with diverse cultural and sports events has been built • Shandong Chuangyuan was awarded the title of "Municipal-level Healthy Enterprise"
Community Engagement and Development		
• Commitment to respecting the environment and culture of the community; improving methods of community interaction and participation; and continuously investing resources to promote collaborative community development	3 GOOD HEALTH AND WELL-BEING 4 QUALITY EDUCATION 5 GENDER EQUALITY 8 DECENT WORK AND ECONOMIC GROWTH 10 REDUCED INEQUALITIES 11 SUSTAINABLE CITIES AND COMMUNITIES 16 PEACE, JUSTICE AND STRONG INSTITUTIONS 17 PARTNERSHIPS FOR THE GOALS	• Possessed a sound community communication and cultural protection mechanism, an "online + offline" communication channel, and a local resident complaint mechanism • The investment of public welfare funds has reached 2.0085 million RMB; Established a volunteer team comprising 235 employees, and total volunteer hours contributed exceeded 1,880 hours, benefiting a total of 43 individuals in need • Focused on supporting rural revitalization, education, and public facilities
Responsible Supply Chain		
• Following the Aluminium Stewardship Initiative (ASI) standards, continue to strengthen a resilient, responsible, and traceable integrated ecosystem for the electrolytic aluminium industry chain	8 DECENT WORK AND ECONOMIC GROWTH 12 RESPONSIBLE CONSUMPTION AND PRODUCTION 13 CLIMATE ACTION 17 PARTNERSHIPS FOR THE GOALS	• The alumina process has obtained ASI Performance Standard (PS) certification and Chain of Custody (CoC) standard certification. • Promoted carbon footprint verification for some suppliers and set carbon targets Implemented the *Control Procedure for Social Responsibility Management of Suppliers and Subcontractors* throughout the entire process. • Deeply participated in the development of industry associations at all levels, the formulation of industry standards, and exchanges at industry forums
Excellence in Product Quality and Safety		
• Continuously improve production efficiency and product added value, empowering the development of basic and strategic emerging industries with safe and high-quality products	9 INDUSTRY, INNOVATION AND INFRASTRUCTURE 11 SUSTAINABLE CITIES AND COMMUNITIES 12 RESPONSIBLE CONSUMPTION AND PRODUCTION	• Efficient operation of ISO 9001 Quality Management System Certification across all subsidiaries • Fully achieved quality management goals, with a 0% error rate in product testing reports throughout the year • Customer satisfaction surveys covered 100% of customers, with an average satisfaction rate of 97%
Corporate Governance		
• Uphold high standards of corporate governance, effectively safeguard shareholder rights, and continuously improve board diversity and stakeholder communication	5 GENDER EQUALITY 16 PEACE, JUSTICE AND STRONG INSTITUTIONS 17 PARTNERSHIPS FOR THE GOALS	• No illegal or irregular activities that could significantly impact the Company, such as embezzlement, money laundering, conflicts of interest, insider trading, bribery, extortion, or fraud; no pending or concluded embezzlement lawsuits. • Female directors accounted for 37.5% • 100% compliant high-quality information disclosure.

02

Jointly Building a Green Future

Chuangxin Industries deeply aligns with international standards, integrating climate change into the core of its operations. We adhere strictly to environmental and ecological boundaries, focusing on enhancing energy efficiency, reducing consumption through lean practices, and advancing the circular economy in production processes. Through process innovation, we promote through process innovation, we promote the resource utilisation of solid waste, waste water, and waste gas. Concurrently, we accelerate the deployment of a green energy system, strengthen climate resilience, and promote the development of green electricity aluminium production. These efforts support the achievement of the dual carbon goals and high-quality development, jointly building a green and sustainable future.



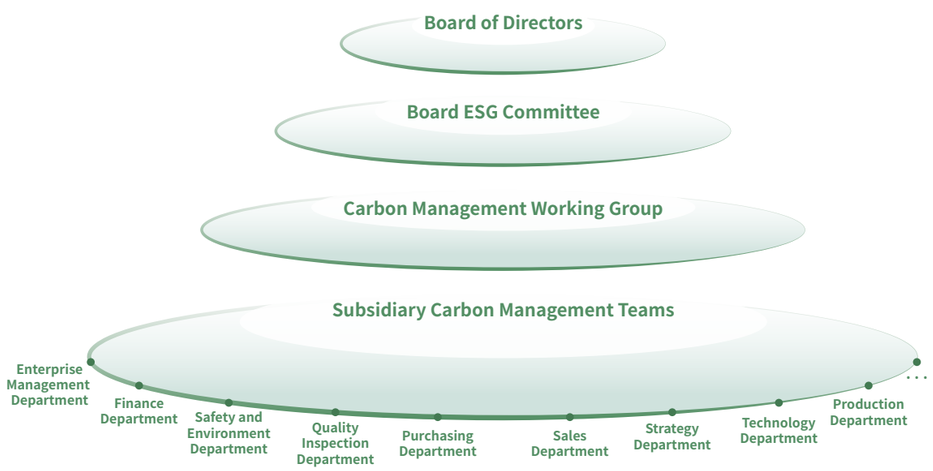
Transition to Address Climate Change

During the reporting period, with reference to the requirement 2.1 of Part D "Climate-related Disclosures" of the Stock Exchange of Hong Kong Limited's *Environmental, Social and Governance Reporting Code* and the disclosure framework recommended by the *International Financial Reporting Sustainability Disclosure Standard 2 – Climate-related Disclosures* (IFRS S2), and the disclosure recommendations of the Task Force on Climate-related Financial Disclosures (TCFD), we elaborated the climate-related management efforts across four dimensions: Governance, Strategy, Risk Management, and Metrics and Targets,demonstrating Chuangxin Industries' responsibility and commitment in addressing climate change challenges.

Governance | **Strategy** | **Risk Management** | **Metrics and Targets**

Governance

The Company has deeply integrated climate change management into the core of its governance structure. The Board of Directors bears the highest responsibility and has authorised its ESG Committee to supervise the formulation and implementation of the Company's climate strategy, and take the lead in reviewing annual carbon emissions reduction targets, scientifically grounded reduction pathways, and all significant climate-related matters. It periodically assesses the alignment of the climate strategy with the Company's overall development strategy, proposing optimisation recommendations for issues arising during implementation, and ensuring climate management efforts remain compliant and proceeds in an orderly manner. The Board ESG Committee has established a Carbon Management Working Group to coordinate all climate management activities across the Company. The Group takes the lead in establishing the Company's carbon management system, facilitating the implementation of climate-related initiatives across departments and subsidiaries, formulating specific work procedures and implementation guidelines, systematically reviewing the progress of the work, challenges encountered, improvement directions and other relevant aspects on a quarterly basis and reporting to the Board ESG Committee, accepting its supervision and guidance. Meanwhile, the Carbon Management Working Group oversees subsidiary carbon management teams, defining their responsibilities, work standards, and assessment criteria while coordinating collaboration on carbon management among subsidiaries. Subsidiary carbon management teams undertake the practical execution of carbon accounting, emissions reduction project advancement, and data reporting. They track the progress towards carbon emissions reduction targets on a quarterly basis, forming detailed analytical reports to the Carbon Management Working Group. This establishes an effective closed-loop management mechanism encompassing decision-making, supervision, coordination, execution, feedback, and optimisation.



To continuously enhance its climate governance capabilities, the Company has established the *Carbon Management System* and regularly conducts carbon management training. This covers carbon emissions accounting methodologies, emissions reduction technologies, data quality management and disclosure requirements, ensuring that relevant personnel possess the necessary professional competencies. Members of the Board ESG Committee attach great importance to climate governance, actively participating in industry exchanges and professional development to continually deepen their understanding of climate policies, low-carbon development, and carbon management. With a high sense of responsibility and learning capacity, they support the Company's climate-related decision-making. The Carbon Management Working Group comprises personnel with relevant professional backgrounds in sustainability and related fields. Possessing solid theoretical foundations and practical capabilities, they effectively support the implementation of carbon accounting, emissions reduction initiatives, data management, and other related tasks. In strategic and risk decision-making, significant investments, mergers and acquisitions, and operational matters must all undergo climate impact assessments, incorporating carbon costs, transition risks, and low-carbon opportunities into considerations. The Board ESG Committee supervises the overall progress of the Company's carbon peaking and carbon neutrality objectives based on quarterly management reports and annual systematic reviews, making improvement requirements where targets deviate.

The Company has incorporated climate-related performance into the assessment systems for senior executives and business leaders. Key climate metrics such as the achievement of carbon emissions reduction targets, data quality, and the effectiveness of emissions reduction projects are linked to remuneration evaluation mechanisms. This incentivises management to actively advance low-carbon transformation and ensures the effective implementation of its climate strategy.

Strategy

Climate Change Risk

In 2025, Chuangxin Industries conducted its inaugural comprehensive climate scenario analysis to systematically understand the potential impacts of climate change on its operations. This initiative aimed to identify physical risks, transition risks, and potential opportunities, thereby enhancing the Company's resilience under diverse climate scenarios.

Guided by the TCFD recommendations and drawing on best practices within the aluminium industry, we have systematically identified and categorised climate risks across the entire production chain of electrolytic aluminium and alumina. Concurrently, we focus on analysing potential development opportunities arising from the low-carbon transition, particularly in areas such as green electricity substitution and the circular economy. To ensure comprehensive and accurate analysis, we engage in in-depth consultations with key stakeholders including internal production and technical experts, external climate risk advisors, and upstream and downstream suppliers. Based on these findings, the Company has formulated corresponding climate response plans and integrated them into its medium-to-long-term strategic planning. Moving forward, we will continue to strengthen climate risk management, enhance corporate climate resilience, and actively address climate change while seizing new opportunities for sustainable development.

Scope, Scenarios and Time Dimensions of Analysis

Scope of Analysis

Within this Report's climate scenario analysis, we have defined the scope to focus on the core operational domains of our own business. This encompasses the entire value chain of production operations, raw material supply, energy provision, and product sales at our electrolytic aluminium and alumina plants. These activities constitute not only our current principal operations but also form a vital component of our future sustainable development strategy. We have comprehensively assessed the impact of climate change on our business model and value chain, encompassing both direct operational disruptions and potential effects on critical upstream and downstream segments. These include the stability of upstream raw material supply and shifts in downstream market demand for low-carbon products.

Scenarios and Time Dimensions of Analysis

To systematically identify climate-related risks and opportunities faced by the Company, we have conducted scenario analysis in accordance with leading international climate disclosure frameworks, including the Task Force on Climate-related Financial Disclosures (TCFD) framework and the IFRS S2 International Sustainability Standards Board's (ISSB) climate-related disclosure standards, as well as the Stock Exchange of Hong Kong Limited's *Environmental, Social and Governance Reporting Code*. The time frame covers short-term (2030), medium-term (2040), and long-term (2050) horizons to dynamically capture the evolving impact of climate change on key assets and operations.

For scenario design, we have selected authoritative climate science datasets recently published by the International Energy Agency (IEA) and the United Nations Intergovernmental Panel on Climate Change (IPCC), conducting comparative analysis based on their high-carbon and low-carbon scenarios. By comparing these two representative pathways, we aim to comprehensively identify potential impacts on key assets and businesses under fluctuating climate variables, systematically assess the potential range of volatility in asset value and operational revenue, and further reveal critical turning points for strategic opportunities.



Climate Scenarios for Physical/Transition Risks

Risk Type	Scenario Type	Selected Scenario	Projected Temperature Rise	Scenario Description
Physical Risks	High-carbon Scenario	Shared Socioeconomic Pathways from the IPCC Sixth Assessment Report (IPCC AR6) SSP5-8.5	Extremely high-emission scenario with a temperature rise of 4.4°C	Assuming that the current global climate policies remain unchanged under a 'business-as-usual' development pathway, global carbon dioxide emissions are projected to triple by 2100. Countries pursue growth through competition, remaining heavily reliant on fossil fuel extraction and maintaining resource- and energy-intensive lifestyles. The global economy experiences rapid growth, while the world population peaks in the 21st century and gradually declines thereafter.
	Low-carbon Scenario	IPCC AR6 SSP1-2.6	Low-emission scenario with temperature rise below 2°C	Aiming to align with existing commitments under the Paris Agreement, this scenario seeks to limit global warming to below 2°C by 2100. Countries adopt sustainable development models, strengthen environmental protection efforts, and progressively narrow development disparities between nations. Investment in education and healthcare are increased to accelerate demographic transition, while consumption-side measures focus on reducing resource and energy consumption.
Transition Risks	High-carbon Scenario	IEA STEPS (Stated Energy Policies Scenario)	A temperature rise of 2.4°C by 2100 (50% possibility)	STEPS explores existing policies and announces proposed policies, without considering the additional implementation of policies. The STEPS scenario represents the most typical 'business-as- usual' pathway up to 2050.
	Low-carbon Scenario	IEA NZE (Net Zero Emissions by 2050 Scenario)	A temperature rise of 1.4°C by 2100 (50% possibility)	The NZE scenario aligns with the climate ambition goals of pledged under the Paris Agreement, limiting global warming to 1.5 °C through stringent climate policies and innovation, and achieving net-zero carbon dioxide emissions by 2050. This scenario assumes that corresponding ambitious climate policies are implemented and enforced.

Risk Identification Findings

Among all physical risks, the assessed assets of Chuangxin Industries are exposed to six primary physical risks, namely typhoons, extreme rainfall/flooding, extreme high temperatures, extreme low temperatures, heat/drought, and sea-level rise; alongside five transition risks, namely policy and market, technological innovation, increased demand for green solutions, enhanced information disclosure, and stakeholder feedback.

Assessment Results for Physical Risks

Risk Type	Risk Identification	Potential Impact		Risk Level						Response Strategy
		Operational Impact	Financial Impact	SSP1-2.6			SSP5-8.5			
				2030	2040	2050	2030	2040	2050	
Acute risks	Typhoons	Typhoons may cause strong winds, heavy rainfall, and storm surges, damaging buildings, disrupting transport, and potentially resulting in casualties in severe cases.	Increase operational costs and reduce business revenue	Low	Medium	Medium	Low	Medium	Medium	• Assess climate risks in advance when selecting sites for new factories and operational locations • Refine emergency response plans for extreme weather events, such as evacuation protocols • Enhance capabilities for responding to extreme weather events, such as stockpiling emergency supplies
	Extreme rainfall/ flooding	Extreme rainfall or flooding may lead to infrastructure damage, water supply interruptions, power outages, and logistics disruptions, potentially preventing normal business operations and causing financial losses.	Increase operational costs	Low	Low	Low	Low	Low	Medium	• Prepare for the construction of flood defence facilities • Establish early warning systems and contingency plans
	Extreme high temperature	Under extreme high temperature conditions, production equipment efficiency declines, impacting production schedules; outdoor staff face risks of heatstroke and dehydration; increasing use of supplementary refrigeration/cooling facilities for production operations leads to higher energy consumption and carbon emissions.	Increase operational costs	Low	Low	Low	Low	Low	Medium	• Enhance early warning capabilities, establish contingency plans for extreme high temperature events, and utilise meteorological data services to mitigate risk exposure across production facilities and supply chains • Incorporate extreme weather conditions into the assessment of future new project proposals, to enhance disaster prevention capabilities in advance and strengthen the climate resilience of technical facilities at production bases
	Extreme low temperature	Under extreme low temperature conditions, production equipment efficiency declines, impacting production schedules; outdoor staff face frostbite risks; increasing use of supplementary heating/warming facilities for production operations leads to higher energy consumption and carbon emissions.	Increase operational costs	Low	Low	Low	Low	Medium	Medium	• Enhance early warning capabilities, establish contingency plans for extreme low temperature events, and utilise meteorological data services to mitigate risk exposure across production facilities and supply chains • Incorporate extreme weather conditions into the assessment of future new project proposals, to enhance disaster prevention capabilities in advance and strengthen the climate resilience of technical facilities at production bases

Assessment Results for Physical Risks

Risk Type	Risk Identification	Potential Impact		Risk Level						Response Strategy
		Operational Impact	Financial Impact	SSP1-2.6			SSP5-8.5			
				2030	2040	2050	2030	2040	2050	
Chronic risks	High Temperatures/ Drought	Persistent high temperatures reduce precipitation, leading to water scarcity and supply constraints.	Increase operational costs and reduce business revenue	Low	Low	Low	Low	Low	Low	• Implement water-saving measures to enhance water resource recycling rate • Deploy distributed water supply facilities to circumvent capacity expansion in high-risk zones • Raise staff awareness of water conservation
	Sea level rise	Sea level rise leads to coastal erosion, saltwater intrusion, and coastal flooding, potentially damaging coastal infrastructure, disrupting coastal business operations, and endangering personnel safety.	Increase operational costs and reduce business revenue	Low	Low	Low	Low	Low	Low	• Monitor climate change conditions at the locations where operations are based • Conduct environmental impact assessments during the preliminary feasibility study and site selection phases of the project

Assessment Results for Transition Risks

Risk Type	Risk Identification	Potential Impact		Risk Level						Response Strategy
		Operational Impact	Financial Impact	IEA NZE			IEA STEP			
				2030	2040	2050	2030	2040	2050	
Policy and Legal Risks	Carbon Trading and Carbon Border Adjustment Mechanism	Carbon allowance needs to be replenished through market transactions, which increases the cost of compliance; meanwhile, the expansion of overseas markets is constrained by the rising carbon costs.	Increased costs for purchasing carbon allowances and carbon credits	Medium	Medium	High	Medium	Medium	High	• Actively participate in the carbon trading markets and rationally plan carbon emission rights purchasing strategies; • Proactively explore low-carbon production models to reduce reliance on emission rights
	Information Disclosure	Increasingly stringent information disclosure requirements from international and domestic institutions, coupled with rising costs for information collection and verification.	Increased costs for personnel, information tracking, and maintenance	Medium	High	High	Low	Medium	Medium	• Establish a policy research team to track disclosure requirements • Utilise digital tools to enhance disclosure efficiency • Strengthen communication with stakeholders and continuously optimise information disclosure capabilities
Technical Risks	Technological Transformation	Traditional technologies fail to meet new demands, impacting production; Research and development as well as investment in low-carbon transformation technologies and projects may carry the risk of failure.	Increased costs for R&D, technological upgrades, and associated losses	Medium	Medium	High	Low	Medium	Medium	• Collaborate with research institutions to deploy clean technologies • Establish a technology evaluation system; cultivate technical talents and enhance the adaptive capabilities of technologies
Market Risks	Demand on Green Products	Increased demands from downstream clients and consumers for green and low-carbon attributes impose stricter access requirements, necessitating procurement of additional green raw materials and energy.	Rising costs of raw materials and energy	Low	Medium	High	Low	Low	Medium	• Strengthen market research and lay out the green product market • Collaborate with suppliers to explore green raw material supplying • Enhance the green attributes of products to adapt to and meet market demands
Reputation Risks	Stakeholder Feedback	Shifts in international consensus on addressing climate change may affect the market and investors' views on the Company.	Declining revenue and reputation	Low	Medium	Medium	Low	Low	Low	• Establish stakeholder communication mechanisms to respond to concerns in a timely manner • Strengthen brand development, and highlight green and low-carbon concepts and practices

Climate Change Opportunities

The Company is embracing systemic opportunities arising from the "dual carbon" goals: developing low-carbon aluminium products, optimising processes, and deploying new energy can significantly reduce production and carbon costs. At the same time, green production capacity can be utilised to capture the high-end market and enhance brand premium. Building a diversified energy system and a resilient supply chain further bolsters long-term competitiveness and climate adaptability, ultimately delivering dual benefits of economic gains and low-carbon transformation.

Opportunity Type	Operational Impact	Financial Impact	Opportunity Level			Response Strategy
			2030	2040	2050	
Products and Services	Advance low-carbon process upgrades for electrolytic aluminium (e.g., anode coating technology, inert anode technology) and develop low-carbon alumina production technology; collaborate with downstream customers to develop low-carbon aluminium application solutions, enhancing product added value and market competitiveness.	The premium of high-value-added green products increases gross margins, expands high-end customer base to increase market share, and strengthen brand green credentials	Low	Medium	High	• Strengthen R&D innovation, optimise product performance and processes to enhance competitiveness • Conduct product carbon footprint accounting and third-party certification to establish a traceable green supply chain • Lay out market channels, deepen brand promotion to establish a green, low-carbon industrial chain ecosystem
Market	Global "dual carbon" policies drive rapid growth in downstream demand for low-carbon electrolytic aluminium and alumina. Green trade barriers such as carbon tariffs are accelerating industry consolidation. Enterprises possessing low-carbon production capacity will gain greater market access advantages.	Increased demand for low-carbon products drives revenue growth	Medium	High	High	• Accelerate the deployment of low-carbon production capacity, prioritise the allocation of green electricity resources, and expand the scale of "green electricity aluminium" and low-carbon alumina production
Resource Efficiency	Optimise the Bayer process for alumina production to reduce the consumption of raw materials such as ore and alkali liquor. Promote waste heat recovery to lower steam and coal consumption. Implement waste heat recovery and energy-saving technical upgrades at aluminium smelters. Through digital systems, full-process energy consumption monitoring and dynamic optimisation are achieved to reduce resource waste in the production process.	Reduce production costs, increase sales profits, and enhance resource utilisation efficiency	Medium	High	High	• Gradually advance energy-saving and resource-saving technological transformation to optimise resource and energy utilisation
Energy Sources	Accelerate the deployment of new energy projects such as wind and solar power to increase the proportion of renewable energy.	Reduce energy costs and lower carbon emission costs	High	High	High	• Accelerate the construction of new energy projects and continue to expand the deployment of green energy facilities such as photovoltaic and wind power • Collaborate with energy suppliers to optimise energy procurement structures and reduce energy costs • Strengthen energy management to improve energy usage efficiency
Resilience	Establish a diversified energy supply system to mitigate the risks of reliance on a single energy source; Optimise supply chain arrangements by establishing production bases in areas rich in coal and wind and solar resources to ensure the security of energy and raw materials; Implement a climate risk early warning mechanism to address the impact of extreme weather on production facilities.	Enhance market competitiveness, improve climate resilience, and reduce operational risks	Medium	Medium	High	• Deepen industrial chain synergy, establish long-term partnerships, and jointly respond to market changes • Increase R&D investment to enhance product low-carbon performance and quality stability • Establish multi-regional energy reserves and emergency dispatch mechanisms

Climate Financial Impact

Based on climate risk assessment outcomes, Chuangxin Industries has further selected risks and opportunities with critical financial impact for analysis.

Scenario Selection

Stated Policies Scenario (IEA STEP)	Projections of future energy and industrial development based on climate policies and commitments announced by countries.
Net-Zero Emissions Scenario (IEA NZE)	Simulations of industrial development trajectories under a more ambitious low-carbon transition pathway, with the goal of achieving global net-zero emissions by 2050.

Scope of Assessment

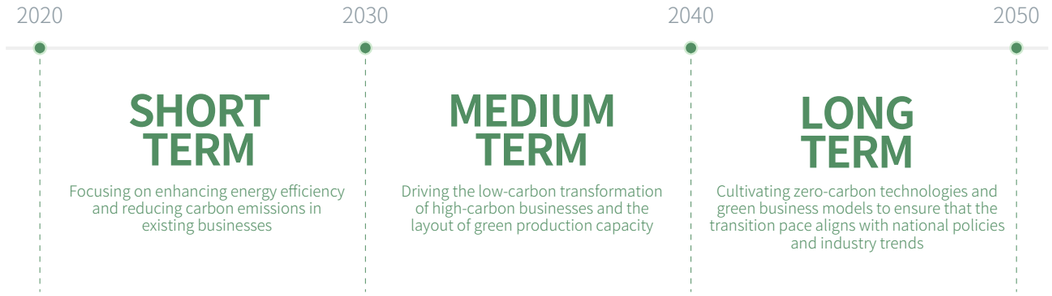
Business Scope	Chuangxin Industries.
Time Frame	Focusing on three key milestones—2030, 2040, and 2050—to assess the impact of climate transition on the medium-to-long-term financial performance of enterprises.

Financial Transmission Pathways: Opportunities and Risks

Opportunities: The global low-carbon transition drives surging demand for green aluminium in areas such as new energy vehicles and power grid infrastructure. Relying on regional renewable energy advantages, the Company is expected to benefit from green aluminium premiums and market expansion by optimising its energy structure and promoting low-carbon technological upgrades . The market share and profit margins are expected to increase under the NZE scenario.

Risks: To achieve low-carbon transformation, the Company promote projects such as low-carbon renovations of process equipment and intelligent energy efficiency management. Related capital expenditure increases annually, exerting pressure on short-term cash flow and capital expenditure. Through the above climate financial impact assessment, Chuangxin Industries can clearly identify the opportunities and challenges arising from the climate transition. Integrating the assessment findings comprehensively into strategic planning, investment decisions, and budget management provides robust data support for optimising resource allocation, enhancing corporate climate resilience, and achieving sustainable development goals.

Chuangxin Industries' climate transition plan has established a full-chain implementation system spanning strategy, operations, technology, and governance. At the strategic goal level, the Company has defined phased transition directions: In the short term (2020–2030), focusing on enhancing energy efficiency and reducing carbon emissions in existing businesses; In the medium term (2030–2040), driving low-carbon transformation of high-carbon businesses and green production capacity layout; And in the long term (2040–2050), cultivating zero-carbon technologies and green business models to ensure that the transition pace aligns with national policies and industry trends.



THE COMPANY IS PRIORITISING

FIVE KEY TRANSFORMATION INITIATIVES

Energy Structure Transformation	Accelerate the construction progress of new energy projects, increase investment in such projects, expand the proportion of green electricity usage, and gradually reduce reliance on fossil fuels.
ProductionProcess Reengineering	Promote low-carbon processes and circular economy models to reduce carbon emissions per unit of output.
Supply Chain Low-carbonisation	Encourage core suppliers to set and publicly disclose emission reduction targets, build a green supply chain ecosystem, and commit to coordinated emissions reduction among upstream and downstream.
Technological Innovation Investment	Improve the R&D and application of low-carbon technologies such as intelligent energy efficiency management and digital control to refine production and operation precision.
Organisational Capability Development	Foster the transformation awareness and professional competencies across all employees through specialised training and incentive mechanism adjustments.

Risk Management

The Company treats climate change as a critical component of its sustainable development strategy, integrating it into long-term development strategy. We have established a comprehensive risk management mechanism to monitor operational status, risks, and the implementation of response measures. Based on this, in accordance with the *Environmental, Social and Governance Reporting Code* of the Stock Exchange of Hong Kong Limited and the TCFD framework methodology, we systematically advance climate risk management across all segments of the industrial chain. This has formed a closed-loop mechanism covering risk identification, assessment and quantification, response implementation, and continuous optimisation. Furthermore, we have deeply integrated the outcomes of climate scenario analysis into strategic decisions such as capacity planning, technological upgrades, and international market deployment. Within the existing climate governance framework of the Company, we coordinate the implementation of climate risk management and low-carbon transition strategies to ensure dynamic synergy between risk prevention and control and the long-term value creation goals, thereby continuously enhancing the Company's climate resilience.

Climate Risk Management Mechanism

Risk and Opportunity Identification

The Company has incorporated climate risks into its Enterprise Risk Management (ERM) system, integrating them with financial and operational risks for unified identification, assessment and prioritisation. Through industry benchmarking and gap analysis, in-depth interviews with stakeholders, and full value chain scanning, climate-related risks and opportunities across the value chain have been systematically identified.

Through materiality assessments, climate issues have been identified as core topics with significant financial and strategic impacts. Accordingly, the management boundaries, responsible entities, and response strategies for climate-related risks and opportunities have been clearly defined. Climate risk management has been embedded into key processes including strategic planning, investment decision-making, operational management, and supply chain control. A regular monitoring, early warning, and review mechanism has been established to continuously enhance climate resilience and value creation capabilities.

Scenario Analysis and Financial Impact Quantification

The Company has conducted qualitative scenario analysis on climate-related risks and opportunities that significantly impact business strategies and operations. Financial quantification analyses have been performed on the impacts of key risks and opportunities on procurement, production, sales, and other aspects.

Risk Response

The Company has developed dynamic risk management plans for identified risks, continuously adjusting and updating response measures and action plans. Specialised plans have been formulated for high-risk items, specifying responsible departments, budgets, and timelines; Medium- and low-risk items have been integrated into routine operational controls, mitigated through process optimisation and technological upgrades. Response measures have been updated based on annual assessments, policy changes, and market feedback, with optimisation of emergency mechanisms. Concurrently, climate opportunities have been translated into concrete action plans with defined revenue targets and assessment mechanisms, achieving synergy between risk response and value creation.

Risk Integration and Monitoring

The Company has fully integrated climate risks into its risk management framework, incorporating climate risk assessments as a preliminary procedure in core processes such as investment decision-making and capacity expansion. A monitoring metric system covering physical and transition risks has been established, tracking early warnings from meteorological and ecological authorities to enable real-time risk alerts. Key climate goals have been set, with progress tracked quarterly and comprehensive evaluations conducted annually. Target achievement has been verified through data analysis and on-site verification, with action plans dynamically adjusted based on results to ensure the effectiveness risk management.

Metrics and Targets

Climate-Related Core Metrics

The Company strictly adheres to international and domestic standards for greenhouse gas emissions accounting, including *ISO 14064-1:2018 Greenhouse gases — Part 1: Specification with guidance at the organisation level for quantification and reporting of greenhouse gas emissions and removals* and *The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard*. During the reporting period, all subsidiaries have completed greenhouse gas emissions verification and engaged third-party institutions to issue verification reports.

Greenhouse Gas Emissions

Metric	Unit	2024	2025
Scope 1 Total Greenhouse Gas Emissions	million tonnes of carbon dioxide equivalent	11.74	11.90
Scope 2 Total Greenhouse Gas Emissions (Location-based)	million tonnes of carbon dioxide equivalent	1.01	0.99
Scope 2 Total Greenhouse Gas Emissions (Market-based)	million tonnes of carbon dioxide equivalent	0.88	0.46
Scope 3[1] Total Greenhouse Gas Emissions	million tonnes of carbon dioxide equivalent	22.00	24.16

Greenhouse Gas Emission Intensity

Metric	Unit	2024	2025
Total Greenhouse Gas Emissions per Million Revenue (Scope 1)	tonne of carbon dioxide equivalent per million RMB revenue	774.06	636.84
Total Greenhouse Gas Emissions per Million Revenue (Scope 2)	tonne of carbon dioxide equivalent per million RMB revenue	57.95	24.82
Total Greenhouse Gas Emissions per Million Revenue (Scope 1 and Scope 2)	tonne of carbon dioxide equivalent per million RMB revenue	832.00	661.66
Other Indirect (Scope 3) Greenhouse Gas Emissions per Million Revenue	tonne of carbon dioxide equivalent per million RMB revenue	1,451.03	1,293.42
Total Greenhouse Gas Emissions per Unit of Energy Consumption (Scope 1 and Scope 2)	tonne of carbon dioxide equivalent per million RMB revenue	1.89	1.82

1. Scope 3 includes Categories 1, 2, 3, 4, 5, 6, 7, 9, 10, and 12.

Greenhouse Gas Emission Intensity for Products

Metric	Unit	2024	2025
Electrolytic Aluminium	tonne of carbon dioxide equivalent per tonne	12.75	11.78
Alumina	tonne of carbon dioxide equivalent per tonne	1.07	0.96

Climate-Related Financial Metrics

Influencing Factor	Amount (million RMB)	Percentage of Revenue (%)	Financial Metric	Remarks
Assets or businesses vulnerable to climate-related transition risks	292,585.57	0.16	Capital Expenditure	Carbon allowance/green certificate expenditure cost
Assets or businesses vulnerable to climate-related physical risks	400,000.00	0.21	Losses and Cost Expenditure	Losses in renewable energy generation due to extreme weather; Repair costs for damaged facilities
Business activities affected by climate-related opportunities	3,701,578.00	1.98	Cost Savings and Revenues	Cost savings from energy-saving technological transformation projects; Circular economy benefits; Cost savings from new energy projects; Subsidies related to energy resources
Actions for realising climate-related opportunities	4,704,224.00	2.52	Capital Expenditure/ Investment	Investment in waste heat recovery projects; Investment in new energy projects; Investment in energy-saving technological transformation projects

Climate Goals and Commitments

In alignment with the global vision of achieving net-zero emissions by 2050, as a leading producer of electrolytic aluminium and green aluminium-based materials, the Company deeply recognises its crucial role and responsibility in promoting the low-carbon transition and contributing to the national "dual carbon" goals. We commit to systematically reducing climate impacts across the entire value chain and have established the following climate action goals:

Chuangxin Industries will continuously reduce greenhouse gas emissions from both existing and new operations within its core business. Using 2025 as the base year, the Company aims to achieve carbon peaking within its operational scope by 2029. By 2030, the emission intensity of electrolytic aluminium products is expected to decrease by 40% compared to the base year, the share of renewable energy used will reach no less than 45%, and achieve net-zero greenhouse gas emissions within its operational scope by 2055.

2025 — 2029 — 2030 — 2055

2029
Carbon Peaking Within Operational Scope

40%
Redcution in Electrolytic Aluminium Products Emission Intensity

45%
Minimum Renewable Energy Usage

2055
Net-Zero Greenhouse Gas Emissions Within Operational Scope

To achieve these goals, Chuangxin Industries has established a strategic framework of "Four Major Transformations":

Business Transformation

Focusing on energy structure optimisation, deepening the circular economy, and expanding high-value-added downstream businesses to drive low-carbon restructuring of core businesses.
Specific measures include:

- Energy Transition: Accelerate the integrated development of wind, solar and energy storage facilities, continuously increase the proportion of renewable energy usage, and gradually reduce dependence on fossil fuels;
- Circular Economy: Establish a closed-loop recycling system for the aluminium industry chain to increase the proportion of recycled aluminium production capacity;
- Industry Chain Extension: Develop deep processing capabilities to transition towards low-carbon, high-value downstream products.

Operation Transformation

Improving the intelligent control of aluminium electrolytic cell and applying advanced aluminium production technologies; continuously managing and improving energy efficiency, promoting comprehensive electrification, systematically reducing Scope 1 and Scope 2 emission intensity, and achieving full decarbonisation of operational processes.

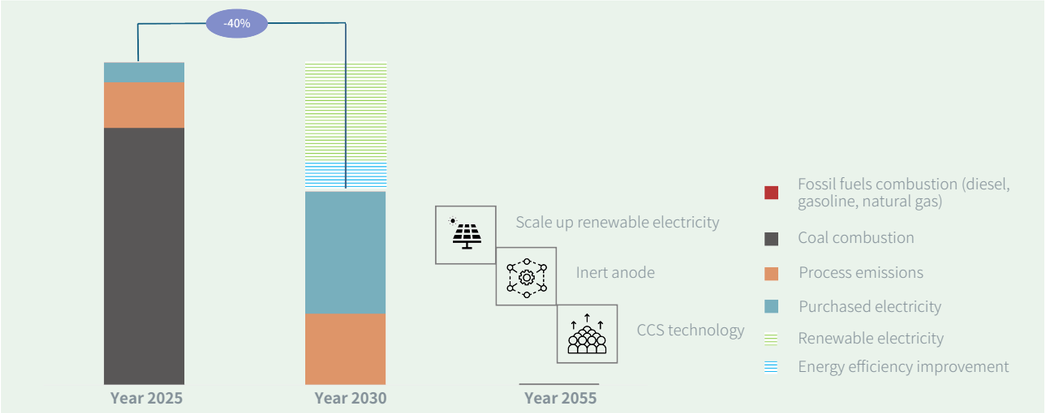
Organisation and Governance Transformation

- Governance Structure: The Board of Directors establishes a Sustainability Committee to oversee progress on climate issues;
- Talent Development: Establish a professional training system for carbon management talent;
- Green Finance: Effectively utilise sustainability-linked financing instruments to optimise capital allocation;
- Brand Building: Enhance transparency in ESG information disclosure to increase green brand value;
- Compliance Management: Ensure compliance with carbon emissions trading obligations and prevent regulatory risks.

Value Chain Synergy

The Company actively fulfills its value chain responsibilities by establishing low-carbon standards for suppliers, deepening technological collaboration within industrial chains, participating in the formulation of international green rules, and jointly building an industrial ecosystem. These efforts drive Scope 3 emissions management and lead the low-carbon transformation across the entire value chain.
To ensure the progress of achieving the goals, the Carbon Management Working Group conducts annual independent audits of the implementation progress of greenhouse gas emission goals. It assesses the impact of internal and external environmental changes on these goals and dynamically adjusts the emission reduction pathways based on the assessment results, ensuring the scientific validity and feasibility of the goals. The Carbon Management Working Group will regularly report climate risk exposure and emission reduction achievements to the Board of Directors, promoting transparent disclosure of climate-related information.

The emission intensity of electrolytic aluminium in 2030 will be **reduced by 40%** compared with the 2025 base year.



Chuangxin Industries Electrolytic Aluminum Emission Intensity Reduction Pathway

Systematic Protection of the Ecological Environment

Environmental Management

The Company strictly complies with laws and regulations including the *Environmental Protection Law of the People's Republic of China*. It has established systems such as the *Ecological and Environmental Protection Management Standard* and the *Integrated QMS, EMS, OHSMS Management Manual*, along with a series of supporting procedures. The Company upholds "Green Development, Compliance with Laws and Regulations, Emission Compliance, and Continuous Improvement" as the core philosophy of ecological and environmental protection management, which is comprehensively integrated into all aspects of production and operation process. The Company has established a systematic environmental management system, strictly adhering to national and local environmental laws and regulations, with standards focused on pollution source prevention and control, as well as comprehensive process management. Concurrently, the Company has clearly defined management responsibilities and mechanisms at each stage to ensure environmental management philosophy is integrated into specific business operations and front line production processes. Through internal audits and proactive public disclosure of environmental information, the Company accepts social supervision, effectively fulfilling its environmental responsibilities and enhancing clean production level. During the reporting period, the Company was not involved in any environmental litigation, violations, or fines.

Environmental Litigation, Violations, and Fines

0

cases

Environmental Management System

The Company has effectively operated a standardised environmental management system that comprehensively covers the entire process, including environmental factor identification, regulatory requirement assessment, target and metric setting, operational control, and emergency response. By introducing cleaner production technologies, upgrading pollution control facilities, and employing online monitoring measures, the Company has ensured that emissions of key pollutants such as waste gases, wastewater, noise, and solid waste continuously and stably meet the standards.

In terms of compliance assurance, the Company has established a dynamic mechanism for identifying and updating laws and regulations through systems such as the *Legal, Regulatory and Other Requirements Control Procedure*. At the operation and improvement level, the Company's system documents have been deeply integrated with actual production. Through annual internal audits, management reviews, third-party surveillance audits, corrective actions and tracking verification, a positive feedback mechanism of "Plan-Do-Check-Act" (PDCA) has been formed. In terms of capacity building, the Company has continuously enhanced environmental management awareness and capabilities across all employees through training and promotional activities. This system has effectively managed environmental risks throughout production and operations, vigorously promoting energy conservation, emissions reduction, and resource utilisation. While meeting regulatory requirements, it serves as a robust management support for the Company to implement green development philosophy.The production and related management activities of the Company have been 100% certified under the ISO 14001 Environmental Management System.


深圳市环通认证中心有限公司
环境管理体系认证证书
内蒙古创源金属有限公司
GB/T24001-2016/ISO14001:2015
铝镁及铝锭的生产及相关管理活动

环境管理体系认证证书
山东创源新材料科技有限公司
证书编号：
证书有效期至：2028-09-28

ISO 14001 Environmental Management System Certificates

The environmental management system of the Company features a clearly defined management structure to ensure comprehensive coverage and accountability throughout the environmental management chain. The Board of Directors and the ESG Committee bear the highest management and supervision responsibility for environmental management regarding wastewater, waste gas, waste discharge, biodiversity, water resource and other environmental matters through environmental management systems. The management responsibilities are cascaded down from the General Manager and relevant functional executives to the Production Units. In terms of assessment methods, the Company has established environmental protection assessment criteria and weightings, conducting regular assessments of environmental protection work across all subsidiaries and relevant individuals and linking assessment results with commendations, awards, and remuneration incentives.

Environment Management Structure

The Board of Directors and ESG Committee

- Comprehensively supervise the environmental protection situations of the Company and approve core metrics and strategies for the year
- Supervise the implementation of internal environmental policies and guidelines
- Monitor the latest development in relevant environmental regulations and standards

General Manager

- Approve environmental policies, goals and major investments, supervise and periodically review system operations and improvement outcomes
- Coordinate cross-departmental environmental affairs, clarifying strategic direction and guaranteeing resource support

Safety and Environment Department

- Lead the formulation and revision of relative environmental management system documents, emergency response plans, and annual action plans
- Implement various environmental protection policies and measures, including but not limited to organising and conducting environmental inspections, environmental monitoring, compliance assessments, and internal audits
- Promote the implementation of projects such as cleaner production, energy conservation and emission reduction, and pollution prevention and control
- Liaise with government environmental protection authorities, handle environmental complaints and manage emergent environmental incidents

Production Units and Collaborative Departments

- The Safety Production Department of each Production Unit reports to both the responsible person of the Unit and the Safety and Environment Department and is responsible for the daily management of environmental protection work within the Unit, ensuring that production activities comply with environmental requirements
- All departments shall collaborate to implement environmental protection requirements relevant to their functions, organise implementation, and report on execution status regularly

Environmental Inspection and Hazard Rectification

The environmental inspection work of the Company has been led by the Safety and Environment Department, forming a cross-departmental inspection task force to reinforce the primary environmental responsibilities of each business unit. Inspection activities drive Units to proactively enhance environmental management capabilities, establishing a sound mechanism of "problem identification – rectification and improvement – long-term regulation". Methods have been adopted including on-site verification, random checks of ledgers, and employee interviews for inspections, focusing on critical areas such as hazardous waste disposal, rainwater-sewage separation, and environmental facility operation and maintenance. For key risk areas, third-party specialist agencies are engaged to conduct specialised audits. In 2025, we completed 15 specialised inspections with 100% coverage of production workshops. Throughout the year, 195 environmental hazards were identified and 195 items were rectified, achieving a 100% closed-loop rectification rate for hazards.

15
Environmental Inspections Conducted

100%
Coverage of Production Workshops

100%
Closed-Loop Rectification Rate for Hazards

Environmental Emergency Management Capabilities

The Company has established a multi-level, three-dimensional environmental emergency management system to ensure prompt and effective response in extreme circumstances and minimise environmental impact. The Company strictly adheres to relevant laws and regulations, including *Emergency Response Law of the People's Republic of China* and *Measures for the Emergency Administration of Environmental Contingencies*. It has developed a comprehensive emergency response plan documentation system, established an environmental monitoring system, and implemented standardised monitoring plans. No environmental emergencies occurred throughout the reporting period.

The emergency response plan documentation system of the Company is based on the core principles of "graded response, rapid resolution, and closed-loop management", and has formed a three-level structure of "General Plan – Specialised Plan – On-site Response Plan". The *Comprehensive Response Plan for Environmental Emergency* serves as the guiding principle of the Company, comprehensively elaborating on the emergency response policy, organisational structure, prevention and early warning, and response procedure. For major risk sources and specific environmental media, the Company has developed a series of specialised emergency response plans, including the *Response Plan for Hazardous Chemical Leak Contingencies*, *Response Plan for Toxic and Hazardous Gas Dispersion Contingencies*, *Special Emergency Plan for Water Pollution Contingencies*, and *Emergency Plan for Hazardous Waste Contingencies*. For critical locations including major production workshops and hazardous waste temporary storage areas, the Company has established on-site response plans. These plans have specified detailed operational procedures and delineated responsibilities for "who reports, who responds, and how coordination is conducted", ensuring that front line personnel can rapidly response to initial incidents.

Through regular drills, plan reviews and updates, the Company ensures the pertinence, practicality, and effectiveness of contingency plans, thereby establishing a complete closed loop of emergency management. We formulate and implement emergency drill plans for emergent environmental incidents every year. After each drill, we conduct systematic evaluations of the drill, deliver intensive training, implement closed-loop rectification, and continuously refine emergency plans. In 2025, the Company completed a total of 25 environmental emergency drills, involving 410 participants and covering all core risk scenarios. These included sudden leakage of solid and hazardous waste, air pollution incidents, natural gas leakage, and damage to non-hazardous industrial waste discharge pipelines. Closed-loop rectification of weak links has been fully completed, fulfilling the goal of "improving reform through drills and building defences through practice".

25
Environmental Emergency Drills Conducted

410
Participants Engaged

100%
Coverage of Core Risk Scenarios

100%
Closed-Loop Rectification of Weak Parts



Inner Mongolia Chuangyuan Conducted Emergency Response Drill for Carbon Anode Slag Leakage

In September 2025, Inner Mongolia Chuangyuan conducted an emergency response drill for carbon anode slag leakage and spillage, simulating a scenario where a damaged packaging bag during carbon anode slag transfer resulted in spillage and dust generation. Upon receiving the report, the site was immediately cordoned off and the emergency response plan for hazardous waste leakage was activated simultaneously. The emergency response team arrived at the site promptly with proper protective equipment. They adopted absorbent cotton to contain the spread, specialised tools for collection and transfer, and repaired the packaging. The entire process demonstrated efficient collaboration across departments and strict adherence to operation procedures, achieving a smooth transition from the activation of the plan to on-site resolution. This drill effectively validated the emergency response capability for hazardous waste leakage and accumulated valuable practical experience for ensuring safe and stable production. The Company will subsequently conduct specialised training to address shortcomings.

Shandong Chuangyuan Conducted Specialised Training on Emergency Response Plans for Sudden Environmental Incidents

In August 2025, Shandong Chuangyuan conducted specialised training on emergency response plans for sudden environmental incidents. The training deeply interpreted laws and regulations such as the *Measures for the Emergency Administration of Environmental Contingencies*, and clarified the criteria for defining incidents like hazardous waste leakage and excessive emissions of waste gases. The training systematically reviewed the emergency plan structure of the Company, clarified the scope of application and activation conditions of the plan, and implemented the division of responsibilities among the emergency command centre, on-site response team, and logistical support team. By teaching on the daily inspection methods for core risk locations such as hazardous waste storage areas and waste gas treatment facilities, the training ensured that employees mastered risk prevention measures and emergency response procedures, significantly enhancing environmental safety awareness and emergency response capabilities of all staff.

Environmental Protection Investment and Technological Upgrading

The Company has consistently regarded technological transformation on environmental protection as one of the core drivers for achieving green development. In 2025, the Company increased the investment in environmental governance for production, with a total environmental protection investment of RMB 133 million for the entire year. For the parts that may have a significant impact on the environment and natural resources, multiple key transformation projects were deployed and completed. These include: We treated all industrial wastewater through water treatment equipment and used it as water replenishment for ash handling and flue gas desulphurisation system to achieve zero discharge; We carried out technological transformation on dust control during the crane feeding, effectively solving the dust problem during the crane feeding in the electrolytic workshop and reducing the fugitive flue gas emissions; We implemented ultra-low emission transformation on the denitrification facilities of the alumina calcination furnace, achieving significant emission reduction in particulate matter and nitrogen oxide, making positive contributions to air quality improvement during emergency emission reduction periods for severe pollution events in autumn and winter within the "2+36" air pollution transmission channel cities; Through drying and alkali reduction treatment of red mud, the red mud attached liquid alkali and alumina were simultaneously recovered, while establishing a new red mud iron extraction magnetic separation line, equipped with storage yards and environmental protection controls to comprehensively prevent high-alkali pollution, achieving land conservation and carbon reduction; We continued to deploy a deeply customised Distributed Control System (DCS) covering the entire alumina production line, enabling real-time monitoring and closed-loop treatment of pollutants such as red mud and sulphur dioxide.

Total Environmental Protection Investment of the Company in 2025: 133 million RMB

Environmental Protection Awareness Development

The Company has cultivated a green corporate culture through diverse publicity and education methods as well as various forms of communication activities. A systematic, tiered, and full-scenario environmental protection training system has been established to significantly enhance the environmental awareness and compliance operation capabilities of all employees. The training system covers all management levels, technical personnel and front-line operation staff to ensure full coverage of personnel. The training content is structured in a modular matrix from aspects including regulation interpretation, professional knowledge, risk prevention and control, and awareness/culture. The Company adopts a comprehensive approach, including lectures, online learning, on-site practical exercises, case analysis, and special assessments, to ensure the richness and effectiveness of the training methods. The Company has formulated an annual environmental culture construction plan, requiring each production unit to conduct an environmental protection training once every quarter, with the training content closely aligned with the key environmental protection priorities and actual needs of the current season.

In 2025, the Company conducted a total of 12 environmental protection training sessions, mainly focusing on the interpretation of hazardous and solid waste regulations and policies and compliance management, full-process management and risk prevention and control of hazardous and solid waste, practical technologies and processes for the treatment and disposal of hazardous and solid waste, operations for fugitive emissions, emergency response procedures, emergency response plans for environmental incidents, and handling of material leakage and seepage. The above initiatives have promoted the continuous improvement of the skills of dedicated personnel and general enhancement of environmental compliance awareness across the entire workforce.

100%
Employee Coverage in Environmental Protection Training System

12
Environmental Protection Training Sessions Conducted



Inner Mongolia Chuangyuan Conducted Training on Operational Procedure for Fugitive Emissions in the Electrolysis Workshop

In September 2025, Inner Mongolia Chuangyuan organised 513 front line operators of the electrolysis workshop to conduct training on operational procedure for fugitive emissions. The training focused on enhancing environmental protection operation skills, and deeply analysed the definition and potential hazards of fugitive emissions, and specialised operation procedures and emergency response measures for fugitive emissions. This training effectively strengthened the environmental protection responsibility awareness and practical skills of the front line employees and reduced environmental pollution risks during production process from the source. By implementing green production philosophy into the front line positions, the Company has further consolidated its foundation for sustainable development, and provided a robust support for fulfilling environmental protection commitments.

Biodiversity Management

The Company strictly adheres to laws and regulations including the *Regulations of the People's Republic of China on Nature Reserves* and *the Notice on Strengthening Environmental Impact Assessment Management Centring on Improving Environmental Quality*. It actively responds to the national call for ecological civilisation construction, is committed to maintaining ecological balance, preventing ecological damage and species extinction, and achieving harmonious coexistence between humanity and nature. We commit to protecting the integrity and diversity of ecosystems, protecting endangered species, and preserving the biodiversity of natural habitats and protected areas.

Biodiversity Conservation

In our established *Aluminium Stewardship Initiative (ASI) Environmental, Social and Governance (ESG) Policy*, we commit to protecting biodiversity and safeguarding the ecological environment through measures such as biodiversity risk assessments. We promote a broad range of partners, including suppliers, to commit to avoiding operational activities near locations of global or national biodiversity significance, and to engage in active two-way communication on biodiversity issues. The Company has developed and implemented the *Biodiversity Conservation Control Procedure*, which specifies that biodiversity action plans formulated to address substantive biodiversity risks shall be designed in a coordinated manner following the mitigation hierarchy sequence of "avoid-minimise-rehabilitate or restore-offset". This procedure also clarifies the responsibilities of all departments in biodiversity conservation, integrating it into the Company's risk management process to ensure comprehensive control over the impacts of the Company's operations on ecosystems and biodiversity. Core measures include:

Assessment and Avoidance Planning During Early Phase	Mandatory biodiversity environmental impact assessments are conducted during the preliminary stages of new (renovated, expanded) project development to precisely identify sensitive species and their habitats. During planning and operations, ecological red line zones and areas with high conservation value are avoided, in line with national "Three Lines One Permit" policy requirements to minimise human disturbance at source.
Mitigation and Ecological Restoration During Operation Phase	For habitat protection, we strictly delineate and control operational boundaries and establish ecological buffer zones scientifically to reduce the occupation and fragmentation of surrounding natural ecosystems such as grasslands. Biodiversity risk assessments are conducted regularly. Where a substantive risk is identified, a biodiversity special action plan is developed following the mitigation hierarchy of "avoid-minimise-rehabilitate or restore-offset", with continuous tracking and evaluation of restoration effectiveness.
Daily Monitoring on Emissions	During daily operations, we strictly control the discharge of wastewater, waste gas, noise, and waste materials. We have installed online monitoring systems for waste gas, and regularly conduct comprehensive environmental monitoring across the plant area. We also entrust qualified organisations periodically to test the groundwater, soil, noise, waste gas, magnetic field and other conditions around the Company.
Ecological Development of the Plant Area	We make full use of green space in the plant area and prioritise native plant species for landscaping improvement to create small ecological habitats and facilitate the connection of regional ecological corridors.
Alien Species Management	We assess the risk of invasive alien species through their introduction routes such as transportation, wooden products, and ornamental plants and implement corresponding control measures.

Biodiversity Risk

Employing the Biodiversity Impact Assessment Tool (BIA)[2], the Company weights distribution databases ofmultiple species for scoring. The biodiversity impact assessments are conducted centred on each operation sitewithin a radius of 5 km, integrated with the production and operation characteristics of the Company. No sensitivesites exist within the 5 km radius surrounding the operation sites of Inner ongolia Chuangyuan and ShandongChuangyuan[3], which include historical relics, nature reserves, national parks, World Natural Heritage sitesinternationally important wetlands, world conservation areas, or drinking water source protection areas. A naturepark (a locally designated wetland park) lies within 5 km radius of Shandong Chuangyuan[4]. Since the Bayeiprocess for alumina production employed by the Company does not generate process wastewater, we assess that iwould not have an adverse impact on the ecological environment and biodiversity of the wetland park, Thecomprehensive assessment results have indicated that for each operation site of Chuangxin Industries, theprobability of occurrence, degree of hazard, and risk level of potential risks in terms of environmental pollution (airwater bodies) on surrounding areas and alien species (intentionally introduced, unintentionally introduced, ornaturally occurring)are all low.



Inner Mongolia Chuangyuan Conducted Autumn Tree-Planting Activity to Consolidate Ecological Foundation

In October 2025, Inner Mongolia Chuangyuan organised employees to carry out an autumn tree-planting activity. Over 20,000 cold-resistant saplings, including poplars and roses, were planted, demonstrating the ecological responsibility of a "National-level Green Factory" through concrete action. During the implementation, the Company adhered to scientific planning and targeted greening, focusing on landscape improvement around employee dormitories and the shores of lakes within the plant. Landscaping specialists were invited to provide on-site guidance, ensuring that all procedures met technical standards and improving sapling survival rate. Through establishing long-term ecological conservation mechanisms, Inner Mongolia Chuangyuan continuously elevated the environmental quality and ecological landscape functions of its plant site. This tree-planting activity represented not only a physical extension of the ecological environment, but also a vivid embodiment of ecological responsibility awareness.

2. The Biodiversity Impact Assessment Tool (BIA Tool) is developed by the Shan Shui Conservation Centre and the Peking University Centre for Nature and Society to assess biodiversity impacts. It integrates the Nature Watch Biodiversity Database, the International Union for Conservation of Nature (IUCN) Species Distribution Database, the Key Biodiversity Areas (KBA) Database, the World Database on Protected Areas (WDPA), as well as the Environmental Impact Assessment Database from Green Data.
3. The Company has a total of two production and operation sites, 100% of which have participated in biodiversity risk assessments, covering a total area of 7,987,916 square meters.
4. Shandong Chuangyuan has a total area of 2,987,916 square meters.

Strict Management of Waste-related Impacts

Waste Gas Management

The Company adheres to the waste gas management policy of "source prevention, strict process control, and end-of-pipe treatment", rigorously complying with laws and regulations including *Law of the People's Republic of China on the Prevention and Control of Atmospheric Pollution*. Through continuous exploration of advanced technologies, upgrading environmental protection facilities, implementing digital monitoring, and conducting regular manual monitoring, it ensures that all kinds of waste gas pollutant emission concentrations comply with or are consistently well below national and local emission standards.
The Company has established systems and procedures such as *the Ecological and Environmental Protection Management Standard and the Waste Gas Management Control Procedures* to rigorously control the treatment, monitoring, and emission activities of all waste gases, demonstrating the Company's commitment to waste gas treatment and air quality protection.
The Company sets annual quantitative targets for emissions of core waste gas pollutants, which are incorporated into the performance assessments of responsible individuals and production units. In 2025, all quantitative targets for waste gas emissions were exceeded, with the control of core pollutant emissions and emission concentrations meeting or exceeding expectations.

Waste Gas Management Targets and Performance

Process	Waste Gas Pollutant	Unit	Emission Standard	Standard Value	2025 Target	2025 Performance	2026 Target
Power Plant Process	Sulphur Dioxide	mg/m³	*Emission standard of air pollutants for thermal power plants* (GB 13223-2011)	⩽100	⩽35	Completed	⩽35
	Nitrogen Oxides	mg/m³		⩽100	⩽50	Completed	⩽50
	Particulate Matter	mg/m³		⩽30	⩽10	Completed	⩽10
Aluminium Smelting Process	Sulphur Dioxide	mg/m³	*Emission standard of pollutants for aluminium industry* (GB25465-2010)	⩽200	⩽35	Completed	⩽35
	Particulate Matter	mg/m³		⩽20	⩽5	Completed	⩽5
	Fluoride	mg/m³		⩽3	⩽0.3	Completed	⩽0.3
Alumina Process	Sulphur Dioxide	mg/m³	*Regional and Integrated Emission Standard of Air Pollutants* (DB37 2376-2019)	⩽50	⩽50	Completed	⩽50
	Nitrogen Oxides	mg/m³		⩽100	⩽100	Completed	⩽100
	Particulate Matter	mg/m³		⩽10	⩽10	Completed	⩽10

Waste Gas Management Measures

To ensure sustained and stable waste gas management performance, the Company has clearly defined management responsibilities at each stage, and accepted social supervision through internal audits and the proactive disclosure of environmental information. Regarding monitoring, online monitoring systems have been installed at all major waste gas emission points to conduct real-time monitoring and assessment, with data uploaded to the platform of the ecological and environmental authorities, ensuring the continuity and reliability of monitoring data. Manual monitoring is conducted quarterly and also meets emergency monitoring requirements under abnormal operating conditions. For fugitive emissions within the plant site, monitoring points are deployed using a grid point method to regularly assess pollutant concentrations at the plant boundary and surrounding sensitive locations.

In terms of treatment, the Company implements targeted treatment based on the distinct emission characteristics of aluminium smelting process, alumina process, power systems, and fugitive emissions.

Near-Zero Emissions
of Electrolytic Aluminium Flue Gas

Ultra-Low Emissions
of Alumina Calcination Furnace Flue Gas

Ultra-Clean Emissions
of Flue Gas from Captive Power Plants and Combined Heat and Power (CHP) Facility

Near-Zero Emissions of Electrolytic Aluminium Flue Gas

We achieve compliant emissions through dry purification using alumina absorption. Building upon this, we adopt a limestone-gypsum wet desulphurisation, defluorination, and dust removal system to achieve near-zero emissions of sulphur dioxide, particulate matter, and fluoride, with emission concentrations far below national standards. This technology has been awarded the First Prize of the China Nonferrous Metals Industry Science and Technology Award.

Ultra-Low Emissions of Alumina Calcination Furnace Flue Gas

We have upgraded denitrification facilities of the calcination furnace to achieve ultra-low emissions. Building upon the existing Selective Non-Catalytic Reduction (SNCR) denitrification technology, we have integrated Selective Catalytic Reduction (SCR) as a complementary process, significantly enhancing the denitrification efficiency of the flue gas. The calcination furnace flue gas is then discharged after being purified by a dust collector.

Ultra-Clean Emissions from Captive Power Plants and Combined Heat and Power (CHP) Facilities

Inner Mongolia Chuangyuan's captive power plant employs ultra-clean emission technology, integrating low NOx combustion and Selective Catalytic Reduction (SCR), limestone-gypsum wet desulphurisation, and high-efficiency electrostatic fabric filter devices. Shandong Chuangyuan's captive combined heat and power (CHP) facility utilises ultra-clean emission technology, and its desulphurisation system employs the Company's waste alkali to absorb sulphur dioxide and dust in flue gas.

Commissioning of Closed Coal Stockyard

A closed coal stockyard has been put into operation to enable fully enclosed temporary storage of coal resources and effectively address fugitive emissions associated with open-air coal storage. The Company also engages third-party agencies to conduct regular monitoring of fugitive emissions in the areas surrounding the plant.

Sources, Composition, Treatment Facilities, and Processes of Company Waste Gases

Sources of Waste Gases	Key Components	Treatment Facilities and Processes
Aluminium Smelting Process	Sulphur Dioxide(SO_2)	Desulphurisation System: Alumina Adsorption + Limestone-gypsum Wet Desulphurisation
	Particulate Matter	Alumina adsorption + Baghouse Dust Collector
Alumina Production Process	Sulphur Dioxide(SO_2)	Desulphurisation Tower + Sodium Carbonate Desulphurisation
	Nitrogen oxides(NO_x)	Ultra-low Emissions + SCR (Selective Catalytic Reduction) + SNCR (Selective Non-Catalytic Reduction)
	Particulate Matter	Baghouse Dust Collector
Captive Power Plant	Nitrogen Oxides(NO_x)	Denitrification System: Low-NOx Combustion + Selective Catalytic Reduction(SCR)
	Sulphur Dioxide(SO_2)	Desulphurisation System: Limestone-gypsum Wet Desulphurisation
	Flue Dust	Dust Removal System: Electrostatic Fabric Filter
Combined Heat and Power (CHP) Facility	Sulphur Dioxide(SO_2)	Desulphurisation Tower + Limestone-gypsum Process
	Nitrogen Oxides(NO_x)	Selective Catalytic Reduction(SCR)
	Particulate Matter	Baghouse Dust Collector

Wastewater Management

Wastewater Management Mechanism

We strictly adhere to relevant laws and regulations, including the *Water Pollution Prevention and Control Law of the People's Republic of China* and the *Integrated Wastewater Discharge Standard*, among others. By establishing internal management systems and procedures such as the *Ecological and Environmental Protection Management Standard* and *the Wastewater Management Control Procedure*, the Company implements stringent control over both industrial and domestic wastewater discharges. It has established a water resource recycling system covering the entire production process, achieving zero external discharge of production wastewater across the plant. Industrial wastewater and part of the domestic sewage are treated through the Company's integrated wastewater treatment facilities and are fully reused in production. Meanwhile, in the Bayer process for alumina production, a closed-loop water circulation system has been incorporated from the initial design stages, enabling the recycling of water resource throughout the production process.

Production Wastewater Discharge

Adhering to the principle of "Tiered Treatment and Quality-based Reuse", the Company has established a reclaimed water reuse system to maximise its application in production support, landscaping, and other purposes. In terms of management, we adopt the Plan-Do-Check-Act (PDCA) model, integrating wastewater treatment metrics into the post-responsibility systems of each plant and work team. Key efforts are made to strengthen employees' environmental awareness and operational skills through training, ensuring that production activities are carried out strictly in accordance with operating procedures. The Company has also established a special inspection team for internal valve leakage, implementing a weekly reporting mechanism to continuously strengthen the investigation and closed-loop remediation of on-site leakage issues such as overflows, spills, drips and leaks.

In terms of equipment management, the Company conducts regular maintenance and servicing of production equipment to ensure operational efficiency and sealing performance, thereby preventing wastewater generation caused by leakage. The Company possesses efficient and professional wastewater treatment capabilities. Inner Mongolia Chuangyuan has constructed one industrial wastewater treatment station, two desulphurisation wastewater treatment stations, two coal-containing wastewater treatment stations, and one A/O+MBR domestic sewage treatment station. Shandong Chuangyuan is equipped with a sludge treatment system, which treats backwash water from integrated water purifiers, multi-media filters, and ultrafiltration systems. The treated water is then recycled to the raw water reservoir for secondary utilisation.

Wastewater Management Targets and Performance

2025 Target	2025 Performance	2026 Target
Zero Discharge of Production Wastewater	Completed	Zero Discharge of Production Wastewater

Wastewater Management Practices

Electrolytic Aluminium Business Segments: In 2025, the electrolytic aluminium segments achieved zero wastewater discharge, through 100% closed-loop circulation of process water, full reuse of treated auxiliary production water in the original production process, and 100% treatment and reuse of domestic sewage.

Cascading Utilisation of Wastewater

The entire plant implemented a "graded water usage" strategy, under which all treated industrial wastewater was reused for ash handling and flue gas desulphurisation system. Rainwater replaced reclaimed water, and treated domestic sewage that met discharge standards was used for landscaping within the plant. These approaches enabled fit-for-purpose water utilisation and cascading recycling of water resource with different quality levels.

Power Generation System Wastewater Recycling

In 2025, the Company prioritised technical upgrading projects, including sample water recovery from the low-temperature sampling room of the power plant and recovery of chemical forward flushing discharge, achieving closed-loop recycling of high-quality wastewater. The annual water recovery volume exceeded 24,000 cubic meters. As a major water-consuming entity, the power plant's water reuse rate achieved 96%.

Technical Upgrade for Sample Water Recovery in the Low-Temperature Sampling Room

To enhance wastewater resource recycling efficiency, the Company implemented the "Upgrade for Sample Water Recovery in the Low-Temperature Sampling Room" for three units at the power plant of Inner Mongolia Chuangyuan in 2025. Through pipeline modifications and the addition of vertical centrifugal pumps, the project recovered instrument sample water-previously discharged directly despite meeting high-quality standards-into a closed-loop water system. The Company also introduced an intelligent and automatic control system, Distributed Control System (DCS), and liquid level interlocking to ensure stable operation. This technical upgrade enabled the cascading utilisation of water resource, recovering 6,400 tonnes of demineralised water annually. In addition, by utilising the alkaline characteristics of the sample water, the project reduced ammonia solution consumption by approximately 1.2 tonnes a year. With relatively limited investment, the project has achieved significant improvements in water recycling efficiency, demonstrating the Company's commitment to refined operational management.

Technical Upgrade for Recovery of Forward Flushing Drainage from Cation Exchange Bed, Anion Exchange Bed and Mixed Ion Exchange Bed in Chemical Demineralization Unit

In 2025, the Company implemented a technical upgrade for the recovery of forward flushing drainage from the chemical demineralisation system at Inner Mongolia Chuangyuan. Previously, the forward-flushing wastewater generated from the cation exchange bed, anion exchange bed and mixed ion exchange bed was discharged directly, resulting in unnecessary water loss. Through the installation of a 9m3 recovery tank and horizontal centrifugal pumps, the project diverted the high-quality forward-flushing wastewater to the ultrafiltration permeate tank for reuse. A liquid level interlocking system was also configured to enable intelligent automatic operation. This project achieved an annual water recovery volume of 17,550 tonnes. It not only effectively reduced the ultrafiltration water production load and operational costs but also enabled the resourceful utilisation of high-quality wastewater. This significantly enhanced the green and intelligent water treatment level of the power plant.

Alumina Business Segments: In 2025, the alumina segments achieved zero wastewater discharge by continuously upgrading the full-process water recycling system and promoting technical upgrades such as the advanced reuse of reclaimed water.

Production System Wastewater Reuse

Graded treatment and reuse of wastewater from production processes, including digestion, precipitation, and calcination, elevated the wastewater reuse rate to over 98%, reduced fresh water replenishment requirements for the process. For instance, treated wastewater that met the required standards was used for red mud washing, and the recovered red mud washing water was further reused for process solution dilution in the alumina plant. The reuse rate of red mud washing water reached 81.57%. In addition, demineralised wastewater was reused in the cooling tower and the mechanical seal cooling system.

Heating System Wastewater Reuse

Boiler blowdown, drainage from the thermal system, and steam condensate were recovered and reused through systems such as concentrate reverse osmosis (RO) and production return water recovery systems.

Red Mud Press Filtration and Filtrate Reuse

High-efficiency, quick-opening membrane filter presses were introduced in the red mud treatment process. The separated high-alkalinity filtrate was collected and directly returned to the production system for recycling, reduced the moisture content of red mud to 28% or below. The entire filtration process was conducted within a closed filter chamber, effectively controlled the dispersion of alkaline mist from red mud slurry and prevented secondary pollution.

Water Quality Monitoring and Emergency Management

The Company has established a real-time water quality monitoring system that integrates manual and automated monitoring. Once any abnormalities are detected, timely corrective measures are taken to make adjustments and improvements. For key water pollution risk areas, such as the red mud storage yard and desulphurisation wastewater from the captive power plant, the Company commissions third-party institutions to conduct quarterly water quality testing. In terms of emergency management, considering the high alkalinity contamination risk associated with the alumina production process, the Company has developed a Special Emergency Response Plan for *Water Pollution Incidents* and conducts regular drills. The plan covers a range of potential risk scenarios, including failures of wastewater treatment facilities, chemical leakage, overflow caused by extreme weather, leakage during transportation and storage, and secondary water body pollution.

Waste Management

Waste Management System

The Company strictly adheres to laws and regulations, including the *Environmental Protection Law of the People's Republic of China* and the *Law of the People's Republic of China on the Prevention and Control of Environment Pollution Caused by Solid Wastes*. In accordance with national and industry standards, the Company has established a series of internal management systems that exceed statutory requirements. Relevant policy documents include but are not limited to the Company's *Ecological and Environmental Protection Management Standard*, *Waste Management Regulation*, *Solid Waste Management Standard*, *Hazardous Waste Management Standard*, and *Waste Classification Management Standard*. Guided by a life-cycle management approach centred on "full-chain control, resource recycling, and sustainable development," the Company minimises the environmental impact of waste through technological innovation and refined management.

100% of the Company's waste has been disposed of in compliance with applicable regulations.

- At the source control stage, the Company analyses and considers the environmental impact factors throughout a product life cycle and promotes waste reduction and environmental responsibility among all employees through awareness campaigns and training programs.
- At the production control stage, the Company procures high-quality raw materials, auxiliary materials and advanced processing equipment. This measure improves equipment efficiency during raw material processing and helps reduce the generation of waste.
- At the end-of-pipe disposal stage, the Company has established a comprehensive waste classification and recycling system. Hazardous waste is collected in sealed systems and stored in dedicated containers, ensuring that all such waste is entrusted to qualified entities for safe disposal. A tiered reuse system has also been established to improve the reuse rate of intermediates, while general solid waste is prioritised for resource recovery. Waste materials are managed in strict accordance with the"5S"management standard, with scrap materials classified, stored, labeled, and utilised based on different aluminium content.

In addition, the Company has implemented a full lifecycle traceability system. Through electronic ledgers, the Company records data covering the entire waste management process, including generation, collection, transportation, and disposal. Combined with regular compliance audits and third-party monitoring, this system ensures that all processes meet applicable regulatory requirements.

Waste Targets and Performance

Waste Type	2025 Target	2025 Performance	2026 Target
Spent Pot Lining	Emissions intensity: 0.0317 t/t Al	Completed	Emissions intensity: 0.0305 t/t Al
Red Mud	Emissions intensity: 1.3 t/t alumina	Completed	Emissions intensity: 1.3 t/t alumina
Hazardous Waste	100% compliant disposal	Completed	100% compliant disposal

The Company continues to promote the formulation and achievement of further waste reduction targets through comprehensive planning and integrated utilisation. Further measures are detailed in the section "Waste Resource Recovery".

Based on the 2025 baseline, the Company targets a 3.77% decrease in spent pot lining emission intensity per tonne of aluminium.

Based on the 2025 baseline, the comprehensive utilisation rate of red mud is targeted to reach above 19% in 2026.

General Solid Waste Management

The Company's general solid waste originates primarily from the following sources: spent anode from the aluminium smelting system; red mud from the alumina production system; and fly ash, furnace slag, and desulphurisation gypsum from the captive power plant.

Waste Category	Non-hazardous Industrial Waste		
Waste Type	**Fly ash, furnace slag, desulphurisation gypsum**	**Spent anode**	**Red mud**
Treatment Method	Partially entrusted to qualified disposal units for comprehensive utilisation; partially entrusted to qualified disposal units for landfill disposal.	Entrusted to qualified disposal units for comprehensive utilisation	Partially stored after resource recovery treatment

During storage, the Company implements categorised stacking for general solid waste and has constructed standard-compliant storage facilities for non-hazardous industrial waste, ensuring no pollution to the surrounding environment occurs during storage. All storage areas are equipped with clear identification signage, specifying the waste name, category, and permitted storage period. An electronic ledger is maintained in real time to track incoming volumes, inventory levels, and outbound transfer destinations, with daily inspections conducted. Fly ash and furnace slag storage areas are equipped with dust collection systems to prevent fugitive emissions.
At the disposal stage, the Company adheres to the principle of "prioritising resource recycling, with harmless treatment as the safeguard", and has established a rigorous and diversified disposal system to ensure general solid waste is prioritised for comprehensive utilisation.

Resource Recycling: For high-value solid wastes such as fly ash, furnace slag, and desulphurisation gypsum, the Company enters into long-term agreements with qualified disposal entities and building materials enterprises to convert part of these wastes into construction materials, including cement and concrete blocks. Spent anodes are entrusted to qualified disposal entities for comprehensive utilisation. Red mud is safely stored after resource recovery treatment.

Safe and Non-Hazardous Disposal: For solid wastes such as red mud that cannot yet be fully recycled, resources are extracted before transport to compliant landfill sites. In addition, third-party institutions are commissioned to conduct stability assessments, while leachate management and liner systems are strictly monitored to prevent secondary pollution.

Full-Process Compliance Supervision: Only qualified contractors with requisite professional capabilities and legal credentials are engaged, and detailed contracts clearly stipulating environmental protection responsibilities are executed. The Company conduct regular on-site inspections on disposal contractors to verify the implementation of their treatment processes and environmental protection measures. We also maintain a comprehensive disposal ledger, with detailed records of the timing, quantity and destination of each batch of solid waste, ensuring that every step of the disposal pathway is traceable and verifiable.

Red Mud Storage Yard Management

The Company adopts dry stacking for the storage of red mud. We have implemented strict environment protection measures in accordance with national standards such as *Standard for Pollution Control on the Non-Hazardous Industrial Solid Waste Storage and Landfill* (GB18599-2020). The Company has formulated the *Red Mud Storage Yard Operation Manual* for Shandong Chuangyuan and prepared an annual stacking and operation plan for the tailings pond to guide operational management. We are committed to minimising impacts and risks through responsible site selection, design and construction, and we impose equivalent requirements on our partners. Although a river is located to the north of the red mud storage yard, it is not a drinking water source. Based on geological and environmental conditions, the storage yard is designed and constructed with an elevated verification standard for flood control capacity and dam stability. Online monitoring systems and manual monitoring facilities have been installed in accordance with safety facility design requirements. Groundwater monitoring wells are installed along each embankment section around the storage yard, and groundwater quality testing is conducted on a quarterly basis. In addition, stringent routine inspections and flood-season inspections are carried out to closely monitor potential impacts on surrounding soil and water bodies. Strict anti-seepage measures are implemented, with geotextiles and impermeable membranes laid at the base of the storage yard to effectively prevent harmful substances from affecting subsurface environments. Daily dust suppression measures are also carried out to control above-ground impacts.
To effectively reduce risk incidents and potential hazards, the Company has developed and implemented the *Emergency Response Plan for Production Safety Accidents of the Red Mud Storage Yard*, ensuring a comprehensive and effective emergency preparedness and response system comprising comprehensive emergency plans, special emergency plans and on-site emergency procedures. To ensure more independent and effective evaluation, the red mud storage yard is regularly subject to third-party flood routing calculations and expert safety diagnostics, as well as inspections of the drainage system, manual monitoring programmes, groundwater quality testing and compaction testing. The *Red Mud Storage Yard Operation Manual* also specifies detailed requirements for timely cleaning, closure, post-closure management and ecological restoration measures, including vegetation planting, upon the expiry of the service life of the red mud facility.
As of the end of the reporting period, the Company had two red mud storage yards, both of which were in operation. Based on internal and external assessments, the risks of dam failure or structural collapse are extremely low; the risk of leachate overflow affecting surface water is low; and the risk of wastewater infiltration contaminating shallow groundwater is also low. Since the commencement of the Company's operation, no risk incidents have occurred at the Company's red mud storage yards.

Hazardous Waste Management

The Company's hazardous waste primarily originates from the following sources: spent pot lining and carbon anode slag from the aluminium smelting system; coal tar from the alumina production system; waste lubricating oil, waste hydraulic oil, waste engine oil, spent catalysts, waste batteries, waste oil drums, waste paint drums, etc., from the captive power plant and other auxiliary production equipment.

Waste Category	Hazardous Waste	
Waste Type	**Spent pot lining, coal tar, waste lubricating oil, waste hydraulic oil, waste engine oil, spent catalysts, waste batteries, waste oil drums, waste paint drums**	**Carbon anode slag**
Treatment Method	Entrusted to qualified units for compliant disposal	Internally recycled and utilised; after harmless treatment, converted into cryolite and carbon powder

During storage, the Company has established hazardous waste temporary storage facilities strictly adhering to relevant national environmental standards. Materials are categorised, stored, and labelled with precision. The storage site is equipped with comprehensive fire protection facilities and emergency response equipment, and detailed contingency plans are made to address potential environmental incidents. Strict entry/exit registration protocols are enforced, with meticulous control over hazardous waste storage records. During transfer and disposal, the Company ensures strict compliance with the hazardous waste manifest system stipulated by the relevant environmental authorities. Transfer plans are declared through a digital management platform, ensuring compliance and regulatory oversight. All hazardous waste is entrusted to licensed entities holding *Permit for Operation of Hazardous Waste* for harmless disposal. To minimise the potential environmental threats of hazardous waste at source, we implement a rigorous consignment mechanism, conducting stringent audits of disposal contractors' qualifications, capabilities, and operational conditions. Throughout the disposal process, we conduct regular on-site inspections and oversight of contractors to verify compliance with environmental processing standards and the proper functioning of treatment equipment.

Waste Recovery

Chuangxin Industries strictly adheres to the core principles of "Reduce, Reuse, and Recycle", establishing a management approach centred on "prioritising waste reduction, enabling reuse, and achieving closed-loop resource recovery". The Company integrates environmentally sound technologies (EST) throughout the entire chain of electrolytic aluminium and alumina production, aluminium processing, and waste treatment. By moving beyond the traditional model of “treating pollution after production,” the Company coordinates the dynamic balance between resource consumption, energy utilisation, and pollutant emissions, thereby promoting deeper integration between industrial production and ecological protection. Regarding to end-of-pipe resource utilisation and circularity, the Company actively promotes innovation-driven initiatives to transform waste into secondary raw materials and auxiliary materials for building products. Through these efforts, a circular value chain of "resources–products–recovered resources" is established, aiming to realise the integration of economic value and environmental value.

Spent Pot Lining

The Company regularly signs contracts with resource recovery enterprises. Through crushing, pulverisation and precisely proportioned chemical reagent reactions, followed by dynamic assay adjustment and pressure filtration dewatering, this hazardous waste is converted into harmless tailings. The tailings are periodically transported to dedicated slag yards or delivered to entrusted entities for use in building masonry production processes. In 2025, the Company achieved a total comprehensive utilisation volume of 23,242 tonnes, effectively recycling and resourcefully utilising hazardous waste generated during electrolytic aluminium production.

23,242 tonnes
Comprehensive Utilisation of Spent Pot Lining

Carbon Anode Slag

Throughout the aluminium smelting process, the Company implements full-process recovery and enclosed collection management for carbon anode slag. The core process includes pre-treatment crushing, grinding and classification, flotation separation, dewatering circulation and finished-product reuse. During the process, water is recovered, and the electrolyte recovery rate exceeds 90%. The regenerated cryolite and high-purity carbon powder produced are returned to the electrolysis system, while aluminium scrap is recovered separately, enabling full-component resource utilisation. In 2025, 4,056 tonnes of carbon anode slag were comprehensively utilised, achieving a recovery rate of 86% and producing 1,458 tonnes of regenerated cryolite and 2,589 tonnes of carbon powder. The process generated no carbon dioxide emissions and achieved zero wastewater discharge through closed-loop circulation, and demonstrated higher safety compared with traditional methods such as calcination and vacuum smelting, delivering significant environmental benefits and considerable circular economy value.

>90% Electrolyte Recovery Rate
4,056 tonnes Carbon Anode Slag Utilised
86 % Slag Recovery Rate
1,458 tonnes Regenerated Cryolite Produced
2,589 tonnes Carbon Powder Produced

Spent Anodes

The Company regularly enters into cooperation agreements with prebaked anode manufacturers. Through carbon block crushing, fluoride removal, impurity removal, and regenerative grading recovery, spent anodes are processed into return materials meeting the batching requirements for prebaked anode production. This process replaces 20% to 30% of the primary carbon raw material, namely calcined petroleum coke, thereby enabling the circular utilisation of carbon resources while achieving the resource recovery of fluorides, wastewater and metal components. In 2025, a total of 49,794 tonnes of spent anodes were comprehensively utilised, achieving a 100% recovery and utilisation rate.

20-30% Replacement of Primary Carbon Raw Materials
49,794 tonnes Spent Anodes Utilised
100% Spent Anodes Utilisation Rate

Aluminium Scrap

The Company classifies and recovers aluminium scrap generated from crucible cleaning and aluminium removal during electrolytic cell shutdowns and returns it to the cells for reuse. During recovery, impurity content is strictly controlled. Aluminium scrap is charged during stable operating stages, specifically after metal tapping and before anode replacement, using a fixed-point, small-quantity and multiple-addition approach. This process is supported by daily accounting, dedicated personnel control and real-time monitoring, significantly reducing energy consumption and production costs while ensuring the quality of primary aluminium. In 2025, a total of 281.84 tonnes of aluminium scrap were recovered, representing a recovery percentage of 0.0376%. This resulted in a carbon emission reduction of 3,240.98 tonnes of carbon dioxide equivalent and electricity savings of 3.718 million kWh, promoting the Company's green and low-carbon transition while improving the comprehensive utilisation rate of raw materials and enhancing circular economy value.

281.84 tonnes Aluminium Scrap Recovered
3240.98 tonnes Carbon Emissions Reduced
371.8 million kWh Electricity Saved

Red Mud

The Company applies a "one-step method" for the harmless treatment of red mud and the extraction of valuable metals, strictly controlling the risk of high-alkalinity pollution, recovering valuable resources and releasing land resources. In 2025, the advanced "one-step method workshop" processed 95,000 tonnes of red mud. A closed-loop water circulation system prevented the discharge of alkaline wastewater, reducing the alkali content of red mud from 8–10% to below 0.3% and decreasing the risk of strong alkaline pollution close to zero. In 2025, the process recovered 22,641 tonnes of liquid alkali, achieving a recovery rate of 81.57%, while the extraction rate of alumina exceeded 85%. Valuable metals were simultaneously concentrated, and the residual slag was converted into multi-porous functional ceramsite or construction material feedstock, enabling full-component utilisation. Meanwhile, in cooperation with partners, iron elements are extracted through physical magnetic separation to produce iron oxide powder, while the attached alkaline liquor and alumina in red mud are simultaneously recovered and returned to the alumina production system. In 2025, a total of 292,200 tonnes of iron oxide powder were extracted, 10.7 million cubic metres of residual liquor were recovered from red mud, and the comprehensive utilisation rate of red mud reached 8.93%. Once the red mud iron extraction process becomes fully stable in 2026, the target comprehensive utilisation rate of red mud is expected to exceed 19%.

29.22 tonnes Iron Oxide Powder Extracted
10.7 million m^3 Residual Liquor Recovered
8.93% Red Mud Utilisation Rate in 2025 → **19.00**% Target Red Mud Utilisation Rate in 2026

Optimising Energy and Resource Utilisation

Water Management

Water Utilisation and Management

Chuangxin Industries adheres to the management principle of "matching water quality to usage scenarios and cascading utilisation". The Company achieves efficient water resource use through three pillars: process improvement, refined management, and recycling.

The Company strictly adheres to laws and regulations such as the *Water Law of the People's Republic of China and the Administrative Measures for Enterprise Water Conservation*, establishing a comprehensive water conservation management system. Management regulations, such as the *Water Conservation Management System*, the *Water Resource Management Goal and Plan*, and the *Water Resource Management and Control Procedure* have been formulated, clarifying a three-tier water metering system. Regular water balance tests and water-saving diagnostics are required to identify potential for conservation. At the same time, water-saving incentives, penalties, and performance evaluations are implemented, embedding water management responsibilities into relevant posts. Stepwise water-saving operations are formulated and a continuous improvement management loop is maintained, ensuring that water use plans, water-saving targets, water-saving measures, and water management regulations are fully implemented. All of the Company's subsidiaries have been awarded the title of "Water-Saving Enterprise", indicating that their water use efficiency and management standards meet advanced regional and industry benchmarks. In water-scarce regions where we operate, such as Inner Mongolia and Shandong, this initiative delivers particularly significant ecological benefits and serves as a strong demonstration for the industry.

Water sources for the Company's electrolytic aluminium production include municipal reclaimed water and collected on-site recycling water, while water for alumina production is drawn from municipal water networks, river surface water, and collected on-site recycling water. The Company has prepared a *Water Resource Risk Assessment Report* in accordance with a series of applicable national laws and standards. The assessment covers factors such as source stability, water quality compliance, production water intensity, surrounding community water demand, available water supply, and potential climate impacts. Based on a comprehensive evaluation, the risks associated with securing suitable water sources and overall water resource risks have both been assessed as low. Meanwhile, the Company has taken further measures to ensure water security, including continuous development of rainwater and wastewater as alternative sources, formulation and drills of the *Reclaimed Water Interruption Emergency Plan*, establishment of linked monitoring and early-warning mechanisms with meteorological agencies and sewage treatment plants, and further investment in water-saving technological upgrades. Historically, the Company has not experienced any water-related incidents or any material financial impacts arising therefrom.

100% of the Company's subsidiaries have been awarded the "Water-saving Enterprise" designation

Water Management Targets

The Company's management has set water resource consumption targets for key water consumption processes, which have been then cascaded down to individual production units and major water-consuming equipment. In 2025, these targets were successfully achieved with outstanding results.

Water Resource Targets and Performance

Water Usage Process	2025 Target	2025 Performance	2026 Target
Alumina and related production and living activities	Annual water consumption: 9.1162 million m^3	Completed	Annual water consumption: 9.0162 million m^3
Power generation for aluminium smelting processes	Water consumption for power generation: 0.23 m^3/MWh	Completed	Water consumption for power generation: 0.23 m^3/MWh

Water Conservation Practices

In 2025, the Company advanced water conservation management practices through tangible actions, including optimising production processes, upgrading product structures, enhancing water conservation education, and strengthening employee engagement in improvement mechanisms.

Electrolytic Aluminium Business

In the electrolytic aluminium business segments, the Company mainly reduces water consumption through process technology upgrades, closed-loop wastewater circulation, and precise monitoring. The Company implements end-to-end monitoring at water consumption points across power plants and aluminium plants. Flow meters are used to precisely detect leaks and spills, and wastewater reuse systems enable closed-loop circulation of high-quality waste water. Additionally, waste heat recovery and intelligent variable frequency technology are introduced to the electrolytic aluminium flue gas treatment centre (GTC), effectively reducing water evaporation losses.

Technological Conservation from the Source: Coal-fired power generation units at the electrolytic aluminium plant employ air cooling technology, replacing water cooling technology that causes substantial cooling water evaporation, thus significantly reducing water consumption from the beginning. In aluminium smelting, dry processes are preferred for gas treatment and slag treatment, replacing traditional wet processes to minimise water consumption at source. The power units in the aluminium smelter adopt closed cooling towers instead of open cooling towers, saving approximately 5,000 cubic metres of water annually.

Aluminium Smelting Flue Gas Waste Heat Recovery and Evaporation Reduction: For the process, the flue gas waste heat recovery heat exchangers lower the temperature of flue gas entering the absorption tower, substantially reducing water evaporation losses caused by contact between high-temperature flue gas and slurry. In operation, maintaining low liquid levels in the absorption tower and employing single-pump low-load operation modes minimise slurry-flue gas contact, further reducing unnecessary water evaporation.

Rainwater Collection and Reuse: A rainwater recovery system covering the plant site has been established. Rainwater is channelled via ditches into Yuanbao Lake, which has a capacity of 300,000 cubic metres. After clarification, the water is reused for desulphurisation makeup water in the aluminium plant and for landscaping watering within the site.

Intelligent and Precise Water Control: In the electrolytic aluminium plant, the Company installs intelligent and automatic start-stop control systems on the absorption tower and pipeline flushing pumps to enable precise water replenishment based on process liquid level parameters.

Continuous Management Optimisation: A weekly metric analysis meeting mechanism has been established. Water-saving potential is identified through flow meter monitoring data, supplemented by specialised water-saving technical training to synergistically enhance water efficiency through heightened management awareness.

Alumina Business

In the alumina business segments, the Company has implemented multiple technical upgrades to enhance the advancement of technology and equipment. These upgrades include process water conservation, efficient utilisation of circulating cooling water, and comprehensive reuse of reclaimed water. Key water-saving metrics now meet or exceed the advanced standards set by the *Shandong Provincial Water Consumption Quotas for Key Industrial Products*. In 2025, while increasing production capacity, the Company achieved effective control of total fresh water consumption, reduced water consumption per unit of product year-on-year, and increased water reuse rates.

Variable Frequency Water Control in Production Systems	Intelligent variable frequency water control devices have been installed in the circulating water system to adjust water flow based on production load, reducing unnecessary consumption of cooling water.
Optimisation of Heating System Water Usage	The combined heat and power (CHP) facility has developed detailed water balance diagrams, reducing unnecessary desuperheating water injection by optimising boiler operating parameters. Cooling towers have been retrofitted with air-cooling technology to minimise steam drift losses.
Red Mud High-degree Dewatering	The Company employs quick-opening membrane filter presses to achieve high-degree dewatering of red mud, reducing the moisture content of the red mud filter cake to 28% or below. The recovered filtrate is returned to the production system for recycling, achieving an annual recovery of 4.1 million tons of filtrate. This approach ensures the safety of dry red mud storage while significantly enhancing the process water recycling rate.
Rainwater Collection and Utilisation	Through the sludge treatment system, rainwater is recovered to the raw water reservoir for utilisation.

Packaging Management

The Company continuously advances packaging reduction and standardised management. Centred on alumina and electrolytic aluminium production stages, packaging solutions are gradually optimised to reduce resource consumption and environmental impact. The packaging for electrolytic aluminium ingots is steel strapping, while alumina and aluminium hydroxide adopt polyester fibre bags.

Packaging Optimisation	In 2025, the Company progressively replaced small-capacity woven sacks with large-capacity tonne bags. By increasing the load capacity per packaging unit, each 1-tonne bag substituted approximately 25 50-kilogram woven sacks, effectively reducing the quantity and consumption intensity of packaging materials. Meanwhile, large-capacity packaging enhanced space utilisation efficiency in storage and transportation, indirectly supporting transport energy conservation.
Recycling and Reuse	The Company prioritises recyclable or durable packaging bags. Recycling and temporary storage areas are established at production sites for conducting centralised collection, sorting, and quantity tracking on damaged or end-of-life packaging. These materials are uniformly sold to qualified recycling facilities, enabling the circulation and reuse of packaging resources.

Energy Management

Chuangxin Industries recognises that energy consumption constitutes a core cost factor and a key environmental impact factor within the aluminium industry. Through optimisation of management systems, technological innovation in processes, and refined operational management, the Company comprehensively improves energy efficiency and integrates energy management throughout the entire production process, striving to achieve industry-leading green manufacturing standards.

Energy Management System

The Company strictly complies with energy-related laws, regulations and management standards, including the *Energy Conservation Law of the People's Republic of China*, *the Cleaner Production Promotion Law of the People's Republic of China*, *the Renewable Energy Law of the People's Republic of China*, the *Circular Economy Promotion Law of the People's Republic of China*, *the Administrative Measures for Energy Conservation of Key Energy-Using Entities*, the *Industrial Energy Conservation Management Measures*, the *Norm of Energy Consumption per Unit Product of Electrolytic Aluminium and Alumina*, and the *Norm of Energy Consumption per Unit Production of Coal-Fired Power Generation*. By continuously collecting and updating the list of applicable regulations and standards, the Company ensures the compliance of its energy management activities.

The Company has established an energy management system with the *Energy Management Manual* as its guiding framework, supported by the *Energy Management Regulations (Compilation)*, relevant *Operational Control Procedures*, and workshop-level *Operating Procedures*. Through the Plan–Do–Check–Act (PDCA) cycle, the system translates energy policies into systematic and specific objectives and actions, while providing implementation guidance for energy metering traceability, data management, management of key energy-consuming equipment, and the phase-out of obsolete equipment. Through training programmes, documentation, and meetings, the Company ensures that relevant personnel understand, master and implement the operational principles of its energy management processes.

The Company's energy management system assigns specific energy management responsibilities to individual departments and positions, while ensuring appropriate resource allocation and energy performance assessment. The system is reviewed regularly to ensure alignment with applicable laws and regulations, the Company's strategic direction, and industry trends, thereby supporting the stable operation of energy management in a systematic, efficient and lean manner. Since its implementation, key production energy consumption metrics, such as the comprehensive AC power consumption per tonne of molten aluminium and coal consumption for power supply, have declined year by year for three consecutive years, demonstrating the effectiveness of the system.

Energy Management Structure

Management Levels	Management Responsibilities
Governance Level	• Board of Directors: Oversees energy management performance
Management Level	• General Manager: Approves energy management plans and targets • Deputy General Manager in Charge: Coordinates and reviews specific energy management-related tasks
Operational Level[5]	• Safety and Environment Department: Supervises and manages safety and environmental impacts and is responsible for daily energy management. • Human Resources Department: Oversees energy-saving incentive schemes and performance evaluations • Purchasing Department: Responsible for energy procurement • Finance Department: Responsible for energy billing • Technology Department: Responsible for research and development, and process optimisation
Production Units	• Responsible for the day-to-day implementation of energy management, including maintenance, supervision, optimisation, and the execution of energy-saving measures

100% of our production and management activities have obtained the ISO 50001 energy management system certification



ISO 50001 Energy Management System Certificates

5. Other relevant departments shall be responsible for energy-related work within their respective areas of competence.

Leveraging its efficiently operating energy management system, the Company decomposes the annual dual-control missions for energy consumption and energy intensity across departments, formally clarifies target responsibilities in written form, and links assessment results to the performance bonuses of department heads and employees.

Energy Efficiency Targets

Energy Metric	2025 Target	2025 Performance	2026 Target
Comprehensive AC power consumption per tonne of electrolytic aluminium	13,300 kWh/t	Completed	13,295 kWh/t
Comprehensive energy consumption per tonne of alumina	375 kgce/t	Completed	364 kgce/t

Share of renewable energy use[6]

Taking 2025 as the base year, the share of renewable energy use is targeted to reach 45 % by 2030.

Renewable energy consumption share in electrolytic aluminium operations[7]

In 2025, the renewable energy consumption share in electrolytic aluminium operations reached 30.7%, and the target has been achieved.

Energy Conservation and Emission Reduction Measures

Through process refinement and technological innovation, the Company has achieved a series of energy-saving and consumption-reducing targets in aluminium-power linkage. As a result, energy efficiency has been improved and overall consumption reduced, with notable progress made in several key areas in 2025.

In aluminium smelting, the Company actively responds to the national *"Special Action Plan for Energy Conservation and Carbon Reduction in the Electrolytic Aluminium Industry"*, vigorously advancing energy-saving and carbon-reduction upgrades. Through a range of measures, electricity consumption per tonne of aluminium has been reduced, resulting in significant energy savings. These measures include, but are not limited to, optimising electrolytic cell process parameters, upgrading the lining of 500 kA electrolytic cells, improving the thermal insulation and sealing performance of the cells, implementing technological upgrades to anodes and cathodes, strengthening stable operation control of electrolytic cells, and recovering and utilising waste heat and by-product energy from electrolytic aluminium flue gas. In 2025, the comprehensive AC power consumption per tonne of molten aluminium decreased by 69 kWh/t-Al compared with the previous year, representing a 0.52% reduction. Meanwhile, the Company reduced the specific consumption of anode carbon blocks by selecting high-quality anode raw materials, optimising electrolytic cell processes and operational management, extending the anode replacement cycle, and improving current efficiency, thereby achieving simultaneous reductions in raw material consumption and direct carbon emissions per tonne of aluminium. In addition, by optimising the structure and layout of the industrial chain, the Company directly supplies molten aluminium to downstream processing enterprises within the industrial park, achieving 100% on-site alloying of molten aluminium. This model avoids the secondary remelting traditionally required after ingot casting and reduces approximately 3% of energy consumption during remelting, as well as intermediate transportation energy use and 0.8% metal burning loss, while simultaneously reducing emissions of carbon dioxide and dust-laden flue gas.

6.Including self-generated green electricity and externally procured green electricity
7.Including self-generated green electricity, externally procured green electricity, and externally procured green certificates

Technical Upgrade of 500KA Electrolytic Cell Lining Full Graphitisation

The Company reduced electricity consumption per tonne of electrolytic aluminium through technical upgrades to the production system, including fully graphitised cathode blocks, phosphorous pig iron casting, and either high-conductivity collector bar slots or copper-insert collector bar slots. Until the end of 2025, 328 electrolytic cells had finished this high-efficiency, low-consumption upgrade, with plans to expand further. The upgraded cells are estimated to save approximately 200–435 kWh of electricity per tonne of aluminium. The fully graphitised cathode block upgrade represents a core technological pathway for the electrolytic aluminium industry to achieve energy conservation, cost reduction, extended lifespan, green and low-carbon operations, stable efficiency enhancement, and high-quality development. Due to its advancement and effectiveness, this project has received dedicated policy funding support from the National Development and Reform Commission.



Low-Carbon Waste Heat Recovery System for Electrolytic Flue Gas

The Company has implemented a series of low-carbon waste heat recovery systems for electrolytic flue gas. We installed specialised heat exchanger equipment to recover substantial thermal energy from core process flue gas and distributed as required, converting it into heat for production and domestic use. In winter, this system satisfied the thermal demands for production and residential areas, including bathing and heating. In summer, it fulfilled thermal requirements for low-pressure heater and raw water heater temperature elevation in certain power generation units, achieving efficient and tiered energy utilisation. The project saved approximately 16,471.6 tonnes of standard coal equivalent and reduced carbon emissions by nearly 100,700 tonnes annually. This not only lowered the enterprise's energy consumption costs but also demonstrated the symbiotic relationship between industrial production and green development.

Anode Coating and Bottom Slotting

We are actively promoting high-temperature oxidation-resistant nano-ceramic coating technology for prebaked anode carbon blocks in aluminium smelting. This physical barrier significantly reduces carbon block oxidation within electrolytic cells, thereby extending anode service life and reducing carbon emissions. In 2025, this technical upgrade extended the anode replacement cycle by one day, saving 3,909.6 tonnes of anode carbon blocks over the year, and cutting carbon dioxide emissions by more than 291.8 tonnes. In addition, through the use of bottom-slotted anode technology, the Company further improved current efficiency and reduced carbon dioxide emissions associated with anode effects.



500KA Cell Control System Upgrade

In aluminium smelting, the control precision and automation level of electrolytic cells directly influence production efficiency, energy consumption, and product quality. By upgrading the 132 500KA cell control machines, optimising algorithms, and developing a comprehensive industrial automation control and big data analysis model, we reduced approximately 100 kWh of electricity consumption per tonne of aluminium produced. Average daily aluminium output per cell increased by 14.59 kilograms, delivering substantial benefits across multiple dimensions, including energy consumption, production efficiency, and financial returns.

In alumina production, the Company achieves comprehensive energy conservation and consumption reduction through targeted management of steam, coal, and electricity usage. In terms of steam utilisation, the Company carried out comprehensive insulation upgrades for steam-consuming equipment, together with regular inspection and leak sealing, so as to reduce heat dissipation and losses caused by leakage, spillage and dripping. We also exercise precise control over digestion temperature and retention time to avoid ineffective steam consumption arising from excessive temperature or prolonged processing time. In addition, secondary steam is utilised rationally to preheat slurry and red mud wash water, while regular pipeline descaling is undertaken to ensure efficient heat exchange, thereby significantly reducing fresh steam consumption. With regard to coal consumption in the calcination process, the Company selects high-calorific-value premium bituminous coal and applies precise blending, while installing online oxygen-content monitors to prevent heat losses caused by excessive air supply. At the same time, the Company improves the insulation performance of various sections of the calcination furnace, strictly controls the moisture content of feed materials entering the furnace, and enhances the stability of system negative pressure, thereby effectively improving combustion efficiency and reducing heat loss. In terms of electricity conservation, the Company continues to improve the operating efficiency of power-consuming equipment through retrofit and optimisation measures, including the wider application of variable-frequency upgrades for pumps and fans, as well as optimisation of ore grinding blend ratios and load distribution to improve grinding efficiency. In addition, by installing precision electricity meters, the Company establishes a real-time power consumption monitoring and assessment system for individual equipment, and adopts energy-efficient transformers to reduce power distribution losses.

Calcination Furnace Waste Heat Recovery

Shandong Chuangyuan has installed heat pipe-type waste heat recovery units at the calcination furnace's flue gas outlet. Leveraging the thermal conductivity properties of heat pipes, these units recover heat from 155 °C flue gas to preheat process water, reducing exhaust temperatures to 100° C. The recovered heat supplements the plant's steam network heating. This project has achieved annual savings equivalent to approximately 4,162.53 tonnes of standard coal, reduced carbon emissions by roughly 10,800 tonnes annually, and lowered energy costs by approximately RMB2,497,100 per year.

Electricity-saving Technical Upgrade in Red Mud Filter Press Workshop

Through refined technical upgrades, the Company reduced electricity consumption in the red mud filter press workshop by 0.21 kWh per tonne of alumina compared to the previous year. The Company optimised the control system of power equipment to maintain red mud tank operations at low liquid levels, stopping four agitators when levels fell below 3 metres. This saved 1 million kWh electricity annually. At the same time, the workshop upgraded its compressed air system by installing a 15-cubic-metre air storage tank to increase air storage capacity. This enabled an efficient "one active, two standby" operation mode for air compressors, yielding annual electricity savings of 720,000 kWh. These practices, through refined management of critical processes and equipment upgrades, effectively reduced electricity consumption while strengthening the Company's green production management capabilities.

On the captive power plant, the Company conducted multiple critical trials and practices in 2025, including unit economic pressure testing, main reheater steam temperature combustion adjustment trials, oil-free stable combustion test under deep peak-load regulation mode, 150MW load operation combustion adjustment trials, and economic comparison tests for burning coal with varying calorific values. The Company carried out a number of operational optimisation practices, encompassing the optimisation of the operating back pressure and control system operation modes for each unit, as well as dynamic optimisation of boiler air distribution ratios and combustion adjustment. These measures continuously improved the operating efficiency and economic performance of generating units and boilers. In terms of equipment upgrading and technical retrofits, the Company completed a number of projects, including variable-frequency retrofits for high-power auxiliary equipment, variable-frequency drive retrofits for feedwater pumps, replacement of oxidation blowers for desulphurisation in absorption towers with air suspension blowers, flexible sealing retrofits for the air preheaters of two generating units, installation of a gasifier fly ash co-firing system, and replacement of high-efficiency thermal insulation cotton on the pipeline network side. In 2025, coal consumption for power supply in the electrolytic aluminium segment decreased by 2.46 g/kWh compared with the previous year, representing a reduction of 0.75%.

Power Plant Induced Draft Fan Variable Frequency Retrofit Project

Inner Mongolia Chuangyuan implemented variable frequency retrofits on six induced draft fans within the generator set, achieving substantial electricity savings. Targeting induced draft fans-one of the major auxiliary power consumers of generating units-the project installed variable-frequency drive (VFD) equipment in the form of modular containerised prefabricated cabins, together with air-water cooling devices, and established an operating mode featuring VFD control as the primary means of regulation, supplemented by inlet guide vane adjustment. This retrofit moved beyond the traditional concept of "energy saving through speed regulation alone", and instead achieved innovations in control logic, coordinated adaptation across multiple systems, and breakthroughs in energy efficiency under all operating conditions, thereby better meeting the needs of deep peak-load regulation mode under a power system with increasing renewable energy penetration. Under a unit load of 200 MWh, annual power consumption in VFD operation was 19.5234 million kWh lower than that under fixed-frequency operation. Following the retrofit, the electricity-saving rate reached 37.17%, effectively improving the plant's overall energy efficiency performance metrics.



Power Plant Feedwater Pump Variable Frequency Drive Retrofit Project

As a core auxiliary power component for the plant's units, the original feedwater pumps regulated flow via speed-increasing fluid coupling. By installing dedicated variable frequency drives, the Company upgraded traditional throttling regulation to precise speed-controlled flow regulation. This enabled efficient variable load adaptation for feedwater pumps while incorporating soft-start protection and intelligent interconnection to enhance adaptability. Compared to fixed-frequency operation, variable frequency operation reduced annual electricity consumption by 19.4 million kWh, achieving significant energy savings, cost reduction, and efficiency gains while improving the safe and stable operation of generating units.



Technical Upgrade for Gasifier Fly Ash Co-firing System at Combined Heat and Power (CHP) Facility

To utilise gasifier fly ash, which is difficult to burn and has a relatively low calorific value, the Company invested in ash tanks for fly ash storage and utilisation, and independently developed a gasifier fly ash co-firing system. It also developed an appropriate coal–fly ash blending ratio scheme, enabling the combustion of fly ash to be driven by the combustion of pulverised coal in the boiler. Through this upgrade, fly ash that would otherwise have been sold externally at a low price is converted into boiler fuel to partially replace raw coal, effectively reducing raw coal consumption. After the upgrade, the system is capable of consuming 300 tonnes of fly ash per day, with estimated annual comprehensive economic benefits of RMB 27.674 million. This project demonstrates the Company's strong internal R&D and testing capabilities, as well as its meticulous exploration of resource recycling and energy management.

Administrative Energy Conservation

We equally prioritise office energy conservation, focusing daily efforts on incremental savings.

Property Management	Implementing a "lights off when unoccupied" policy and mandatory power shutdowns after working hours; setting clear temperature guidelines for office air conditioning, with temperatures no lower than 26°C in summer and no higher than 20°C in winter; implementing source-based waste classification and centralised, standardised storage for obsolete materials, so as to maximise the circular value of resources through repair, reuse or resale.
Office Supplies Conservation Measures	Fully implementing paperless office practices, with meeting materials, approval processes and notices all circulated online, reducing annual office paper consumption by 250,000 sheets; establishing detailed procurement plans that prioritise office equipment with energy-efficiency certification and environmentally friendly consumables; and implementing a registration system for office supplies requisition together with a "trade-in" scheme, with reasonable limits set according to actual departmental needs.
Canteen Conservation Management	Introducing a supplier tendering and price-comparison mechanism, while precisely controlling procurement volumes based on the actual number of diners; implementing a "take only what you need" approach, with designated staff assigned to monitor and prevent waste so as to enhance employees' awareness of conservation; and strictly enforcing tiered reception standards, avoiding unnecessary external hospitality meals and promoting dining in the canteen.
Vehicle Usage	Optimising the vehicle dispatch system by requiring departments to submit vehicle use requests one day in advance and consolidating travel needs; establishing a rigorous vehicle maintenance regime to ensure vehicles remain in optimal operating condition and to minimise fuel consumption; and strengthening driver training while promoting energy-efficient driving practices.

Renewable Energy Development

We deeply recognise that the renewable energy transition is crucial to the sustainable development of the aluminium industry, in light of China's dual carbon goals, customer priorities, industry trends and cost-effectiveness considerations. Accordingly, the development and adoption of renewable energy, represented by green electricity, is one of the core pathways for Chuangxin Industries to advance green and low-carbon development, transform its energy mix and address climate change. We are building wind and solar power stations in resource-rich areas of Inner Mongolia, with a planned total installed capacity of 1,750 MW. By the end of 2025, 640 MW had been put into operation, generating 764 million kWh of green electricity. Chuangxin Industries' renewable energy consumption ratio reached 27.46%. The proportion of renewable energy consumption in our electrolytic aluminium segment[8] has reached 30.7%, significantly exceeding the requirement set out in the *2024–2025 Action Plan for Energy Conservation and Carbon Reduction* that the renewable energy consumption ratio of the electrolytic aluminium industry should exceed 25% by the end of 2025. Our renewable energy target is to achieve a renewable energy usage ratio of more than 45% by the end of 2030 through self-generated green electricity and purchased grid-supplied green electricity. This transition also reflects our proactive positioning to meet growing demand for green aluminium in both domestic and international markets.



Inner Mongolia Chuangyuan Wind Power

The Company's integrated generation-grid-load-storage project in Inner Mongolia that has already been put into operation has achieved new breakthroughs in the exploration of innovative technologies for the new power system. By adopting advanced grid-forming control technology and an integrated dispatch and control platform for smart grid management, the project incorporates data on generation, grid, load and storage into a coordinated control system. Through forecasting and the prioritised regulation of energy storage, the system smooths fluctuations, reduces unit losses, and addresses the challenge of rapid self-recovery of power supply following grid disconnection at renewable energy stations. By ensuring an uninterrupted power supply to the Company's critical loads, it significantly enhances the reliability of power supply across the plant under extreme conditions. At the same time, it supports the integration of a high proportion of renewable energy and reduces power curtailment losses. The project provides an important practical example for renewable energy consumption and the green transformation of high-energy-consuming industries under the new power system.

Inner Mongolia Chuangyuan's Generation-Grid-Load-Storage Integration Practice Wins National Innovation Award

The project titled *"Research on Key Technologies for Multi-Unit Joint Black Start Based on Grid-Forming Energy Storage"*, led by Inner Mongolia Chuangyuan, won the Third Prize in the Third Energy Electronics Industry Innovation Competition and the Fourth Advanced Energy Storage Technology Innovation Challenge Finals, organised by the Industry Development and Promotion Centre of the Ministry of Industry and Information Technology. The project innovatively adopts a high-voltage cascaded grid-forming energy storage system. It is not only currently the largest user-side grid-forming energy storage demonstration project in China, but also the world's first demonstrated case of joint black start of coal-fired generating units enabled by grid-forming cascaded high-voltage energy storage. It provides a practical technical model and important support for the development of new power systems, including the construction of "zero-carbon grids" and the advancement of initiatives such as "direct green power connection", and is of positive significance in accelerating the achievement of the dual carbon goals.



8. Including self-generated green electricity, purchased green electricity, and purchased green certificates

In the allocation of green electricity, the Company's captive thermal power plants assist in peak shaving, balancing supply and demand, and enhancing system stability. This is achieved through a complementary peak-shaving model combining deep peak-load regulation of thermal power units with the charging and discharging of energy storage systems, thereby empowering our green energy system. This approach ensures forward-looking flexibility while maintaining stable and adequate energy supply. It maximises the supply of green electricity, enhances energy efficiency, and reduces both electricity costs and carbon emissions. By integrating the Automatic Generation Control (AGC) system, Automatic Voltage Control (AVC) system, and the dispatch data network, the Company has established a grid dispatch system that integrates frequency quality, voltage stability and information reliability. This enables efficient regulation of power generation and ensures stable and secure grid operation. Concurrently, we utilise a wind power forecasting system that employs algorithmic models to integrate local meteorological data with historical operational data, thereby enhancing prediction accuracy and reducing curtailment caused by forecasting errors.

We also seize energy transition opportunities in everyday operations. For example, street lighting at Shandong Chuangyuan has been upgraded to solar power supply, and we continue to explore additional renewable energy opportunities through refined management practices.

Mineral Resource Management

Chuangxin Industries is committed to establishing a stable and green mineral resource supply assurance system. Environmental sustainability is a key consideration in our bauxite procurement decisions, ensuring that mineral resource development aligns with ecological conservation requirements. We rigorously implement the Company's *Mineral Supply Chain Risk Management Procedure*, integrating ecological protection and sustainable development throughout the entire mineral resource acquisition process. Each batch of bauxite undergoes comprehensive monitoring. Through tools such as the Know Your Supplier (KYS) questionnaire, we conduct in-depth verification of the legitimacy of suppliers' mining rights certificates and the environmental compliance of their operational areas. We record the chain-of-custody information for all raw material batches from mine to factory, ensuring that resource extraction and transportation do not involve nature reserves or ecologically sensitive areas. Building upon the 2025 desktop assessment, we plan to initiate joint or independent on-site risk assessments of key overseas mines. These evaluations will examine environmental protection measures, biodiversity impacts and resource utilisation efficiency in mining areas, further strengthening the green supply foundation for overseas mineral resources.

Within the Company's premises, we implement an environmental management mechanism for bauxite stockpiles characterised by "individual accountability, tiered management, dynamic monitoring and closed-loop rectification", ensuring that stockpile operations advance in tandem with ecological conservation. Through measures such as dust pollution control, soil erosion management and leachate management, we monitor PM10 concentrations and fugitive particulate emissions, rigorously managing the environmental impact of stockpiles on surrounding air, vegetation, groundwater and soil.

Dust Pollution Control	Stockpiles are equipped with windbreak and dust-suppression netting, vehicle washing facilities are installed at entrances and exits, and haul roads are regularly watered to suppress dust. Closed belt conveyor systems are used for ore transfer, minimising the duration of open-air material storage.
Soil Erosion Control	Flood interception ditches, drainage channels and sedimentation ponds are constructed around stockpiles to intercept rainwater and allow sediment to settle. Geotextiles are laid on slopes and pioneer vegetation is planted to reduce erosion risks caused by rainwater runoff.
Leachate Management	A geomembrane is laid at the base of stockpiles, together with leachate collection ponds and treatment facilities. The leachate undergoes sedimentation and filtration to prevent contamination of soil and groundwater.

03

Jointly Shaping a Responsible Enterprise

Chuangxin Industries regards exceptional quality and premium services as the cornerstone of its robust operations. By continuously deepening the empowerment of digital and intelligent technologies, the Company actively cares for and safeguards employee health and safety, and fosters an equitable and diverse environment for talent development. Furthermore, the Company proactively fulfills its industrial responsibilities to drive win-win outcomes across the supply chain and promote industrial synergy. By broadly connecting social resources to contribute to the community, Chuangxin Industries is committed to achieving the deep integration of industrial upgrading and social responsibility.



Excellent Management of Quality and Services

Products are the bedrock of corporate development. Through lean management and full lifecycle quality control, Chuangxin Industries is committed to delivering safe, reliable, and durable alumina and electrolytic aluminium products, alongside an excellent service experience, to our global customers.

Product Quality and Safety

Chuangxin Industries strictly adheres to laws and regulations including the *Product Quality Law of the People's Republic of China* and the *Standardisation Law of the People's Republic of China*. The Company conscientiously implements standards such as *Calcined Alpha Alumina* (YS/T 89-2023), *Alumina* (GB/T 24487-2022), and *Aluminium Ingots for Remelting* (GB/T 1196-2023). The Company has established over 30 internal management policies, including the *Quality Manual*, *Inspection Process Control Procedure*, and *Non-conforming Product Process Control Procedure*. These ensure that the "quality-first" principle is implemented throughout the entire product lifecycle-from design and R&D to manufacturing, packaging, and transportation-continuously enhancing product durability and reliability. In 2025, the Company fully achieved its quality management objectives, recording an annual product inspection report error rate of 0%. Furthermore, the timely reporting rate, the passing rate for personnel training assessments, and the traceability rate of in-use equipment all reached 100%.


深圳市环通认证中心有限公司
质量管理体系认证证书
内蒙古创源金属有限公司
GB/T19001-2016/ISO9001:2015
铝液及铝锭的生产

ISO 9001 Quality Management System Certificates of Inner Mongolia Chuangyuan

Quality Management System

The Company has achieved 100% ISO 9001 Quality Management System certification coverage for its production and related management activities, deeply integrating these standards throughout the entire production and operation process. In terms of quality planning and resource management, the Company has established clear, measurable quality policies and objectives. Through optimised resource allocation and specialized training, the Company has significantly enhanced the overall quality awareness and technical proficiency of all employees. Regarding product realization and full-chain control, the Company adheres to a "prevention-first" approach. From rigorous supplier admission evaluations to production process quality monitoring, it ensures that finished products consistently meet the demands of high-end application scenarios. Concurrently, the Company has established and operates a closed-loop mechanism of "inspection-rectification-review-optimisation." By leveraging regular internal quality audits and in-depth analyses of customer feedback, the Company achieves continuous system improvement.


质量管理体系认证证书
证明
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ISO 9001 Quality Management System Certificates of Shandong Chuangyuan

Chuangxin Industries Quality Management Organisational Structure and Responsibilities

General Manager	Administration and Human Resources Department	Aluminium Plant	Quality Management Department	Procurement and Sales Departmen
• Confirm quality policies and objectives • Identify processes, risks, and opportunities • Allocate responsibilities and authorities • Chair management review meetings	• Document management • Human resources management • Communication management • Organise internal audit activities	• Equipment and facility management • Work environment management • Establish product implementation standards • Production processes and work instructions • Production process control • Product identification and protection • Customer and external provider property management • Post-delivery activity management	• Monitoring and measurement • Resource management • Product inspection and non-conforming product management • Product research and development	• Customer satisfaction management • Supplier evaluation management • Procurement and warehouse management • Requirement determination and review



Inner Mongolia Chuangyuan leverages advanced 500kA energy-efficient electrolytic cell technology and intelligent control systems to precisely regulate electrolytic temperature, current density, electrode spacing, and molar ratio in real-time, ensuring stable operating conditions. To safeguard product purity, the Company implements stringent operational timeliness management during the electrode replacement and aluminium extraction phases, effectively preventing the incorporation of impurities such as iron. During finished product inspection, certified laboratory technicians ensure all products comply with the *Aluminium Ingots for Remelting* (GB/T 1196-2023) standard and meet customer-specific requirements. Through comprehensive quality traceability and closed-loop performance assessment management, Inner Mongolia Chuangyuan has achieved precise alignment between production conditions and finished product testing data, delivering high-quality electrolytic aluminium products to customers.



Shandong Chuangyuan optimises the low-temperature Bayer process and incorporates advanced DCS automation systems, complemented by preventive equipment maintenance, to ensure high precision and production stability. Within its end-to-end quality control framework, Shandong Chuangyuan implements a closed-loop model encompassing stringent raw material selection and a three-tier inspection system of "self-inspection, mutual inspection, and specialized inspection". Regular comparisons with authoritative institutions guarantee 100% compliance for its alumina products. Building upon this foundation, Shandong Chuangyuan employs a chemical-free water washing process to reduce impurities, guaranteeing the electronic-grade quality of its aluminium hydroxide. The Company mandates that all personnel hold valid certifications and incorporates quality metrics into employee performance evaluations, establishing a robust management foundation for sustained leadership in product purity and consistency.

In September 2025, "Chuangyuan Brand Alumina" was registered with the Shanghai Futures Exchange (with a production capacity of 800,000 tons), adhering to the AO-1/AO-2 grade standards. It became a designated delivery product for futures market fulfillment. This standard signifies low impurity content in the alumina, meeting the demands of high-end aluminium processing.

The Company places great emphasis on fostering a quality-driven culture and consistently organises quality training initiatives. Throughout 2025, Chuangxin Industries conducted 72 product technology training sessions and 24 quality and safety training sessions, with cumulative participation exceeding 3,400 attendees, significantly enhancing employees' professional capabilities.

Shandong Chuangyuan Special Seminar on Quality Control of Metallurgical-Grade Alumina

In December 2025, Shandong Chuangyuan convened a specialized seminar on metallurgical-grade alumina quality control for workshop management personnel. The session focused on technical solutions for stabilizing the critical metric Na_2O. Based on current production conditions, the meeting systematically identified 17 control measures and selected 13 feasible solutions ready for immediate implementation. Subsequent tracking, validation, and institutionalization will integrate effective measures into the Company-level finished product quality control system, providing governance safeguards for efficient resource utilisation and continuous product quality optimisation.

Inner Mongolia Chuangyuan Co-hosts Green Electricity Aluminium Industry Chemical Inspector Skills Competition and Achieves Outstanding Results

In October 2025, Inner Mongolia Chuangyuan co-organised the Tongliao City Green Electricity Aluminium Industry Chemical Inspector Vocational Skills Competition. Leveraging its professional event management capabilities, the Company precisely aligned with industry standards, coordinated venues and specialized equipment, and ensured the competition's fairness and impartiality. The Company's participating team delivered an outstanding performance, sweeping the individual first, second, and third prizes while also receiving the "Outstanding Organisation Award." This achievement represented a dual triumph in both skills competition and organisational execution. The accolades not only showcased the Company's accumulated expertise in quality control personnel but also further refined its "quality-driven" talent development mechanism. By absorbing advanced inspection techniques through competition exchanges, Chuangyuan contributed its unique strength to building skilled talent pools within the regional green electricity aluminium industry.

Full-Process Inspection and Quality Control

Chuangxin Industries' electrolytic aluminium segment has secured accreditation from the China National Accreditation Service for Conformity Assessment (CNAS). This provides an authoritative and precise data foundation for testing the composition and performance of every product batch, ensuring consistent and stable quality from the technical source. Leveraging the advantages of international mutual recognition, the Company has significantly enhanced the authority of its test reports and strengthened customer trust. This has powerfully propelled the global expansion of its products and services, achieving a leap in core competitiveness.





CNAS Certificate of
Inner Mongolia Chuangyuan

Rigorous Sampling	Standardised Preparation	Accurate Analysis
The Company strictly adheres to national and industry standards for alumina, prebaked anodes, and aluminium-grade carbon materials. During sampling, the Company implements full-process on-site supervision with video documentation, and key stages undergo dual verification. Furthermore, utilising bulk material software systems and body-worn cameras, the Company achieves dual traceability of sampling records and material information, ensuring the representativeness and impartiality of testing data from the source.	Centred on "contamination-free and homogenization," the Company rigorously implements relevant national and industry standards. Operationally, it maintains Standardised completion of the *Sample Preparation Record*, strictly follows Standardised sample preparation and waste disposal procedures, and implements unique identification management for prepared samples, ensuring transparency throughout the preparation process. Furthermore, the Company conducts monthly maintenance and protection of core equipment with detailed documentation, providing hardware assurance for sample preparation stability.	The Company adheres to the requirements of "accurate measurement, standardised methods, and authentic results," fully implementing the *Measurement Law of the People's Republic of China and the Product Quality Law of the People's Republic of China*. Core instruments undergo regular verification by statutory bodies and display valid calibration labels. Laboratory personnel are subject to a strict certification system with periodic competency assessments; unauthorised operation is strictly prohibited. Furthermore, leveraging bulk material systems enables real-time data extraction and digital archiving, ensuring closed-loop traceability throughout the testing process.

In 2025, the Quality Management Department achieved 100% coverage for integrity training in the testing process, with a 100% pass rate for integrity assessments across all staff. Furthermore, Shandong Chuangyuan incorporated integrity and self-discipline as a "one-vote veto" criterion in performance evaluations, achieving 100% compliance rates for key processes such as analysis monitoring execution and sampling implementation.

Customer Service and Experience

Chuangxin Industries upholds the business philosophy of "Integrity, Pragmatism, Quality, and Innovation." It strictly adheres to legal requirements outlined in the *Law of the People's Republic of China on the Protection of Consumer Rights and Interests*, the Advertising Law of the People's Republic of China, and the *Trademark Law of the People's Republic of China*. The Company has established the *Customer Feedback Process Control Procedure* and *Customer Complaint Handling Specifications*, clearly defining requirements for addressing customer complaints and feedback. For issues raised by customers, the Company commits to responding within 24 hours and assigns dedicated personnel to handle after-sales matters, ensuring a swift and effective response. The Company conducts customer satisfaction surveys to listen to customer feedback and ensure services meet requirements. This year, multiple surveys have been carried out regarding staff courtesy, issue response times, and other aspects.

Complaint Reception and Registration	Upon receiving a customer complaint, the business liaison immediately relays the information via internal work groups, with a dedicated officer undertaking unified registration and filing. The marketing department compiles the *Annual Quality Issue Handling Register* in accordance with 8D report requirements [9], preliminarily determining responsibility and formulating short-term countermeasures or recommended actions.
Complaint Classification and Investigation	Complaints are categorised by nature into product quality, service quality, logistics delivery, communication and expectations, pricing and fees, and policy and compliance issues. They are further graded by urgency and impact as high, medium, or low priority, and by recurrence as first-time or repeat complaints. This classification enables rational resource allocation, ensuring traceability to root causes and prioritization of significant risks.

9. Includes eight core steps: identifying and defining the problem, forming a problem-solving team, describing and implementing interim containment actions, identifying and verifying root causes, developing and implementing permanent corrective actions, verifying the effectiveness of permanent corrective actions, preventing recurrence, and recognizing the team and summarizing

Product Return Process	Upon verification of factory liability and a customer return request, the Company initiates a return application via the OA system, coordinating relevant departments for joint handling. Following approval, the logistics department is immediately notified to arrange collection. Upon the return's arrival, goods are promptly received and re-inspected, triggering the exchange or return procedure. Where refunds are involved, the Finance Department executes refunds via the original payment channel, ensuring fund security and process compliance.
Product Recall Management	Given the bulk raw material nature of our industry, the Company has established a rapid response mechanism for quality disputes and returns. While this mechanism does not involve large-scale product recalls, for confirmed non-conforming products attributable to company liability, we strictly execute returns, replacements, or compensation through a closed-loop process. This safeguards downstream customers' legitimate rights, ensures production stability, and fulfills our quality commitment through responsible supply chain management.
Feedback and Improvement	Within 24 hours of resolving a complaint, we provide feedback to the customer and confirm their satisfaction. The entire process is documented and entered into the system, achieving a closed-loop communication system. The Company recognizes that customer returns are not the end point, but rather the starting point for product improvement and experience optimisation. To this end, we develop permanent corrective actions for each complaint and assign clear responsibilities, achieving the strategic objectives of quality stability, cost control, and supply security through a closed-loop management system.

In 2025, Chuangxin Industries recorded two product and service-related complaints, achieving a 100% resolution rate. Both cases centred on product quality defects and logistics packaging risks. The Company immediately initiated replacement procedures while simultaneously alerting production management to proactively develop follow-up improvements and systematic prevention measures. During the reporting period, the Company had no incidents of non-compliance concerning marketing communications.

In 2025, the Company experienced no recall incidents stemming from product safety or health concerns. Customer satisfaction surveys covered 100% of customers, with an average satisfaction rate reaching 97%.

100%
Customer Satisfaction Survey Coverage

97%
Average Customer Satisfaction Rate[10]

Forging Ahead with Technological Innovation

Chuangxin Industries consistently positions technological innovation as the core engine for cultivating new productive forces. The Company continuously refine our technological innovation systems and mechanisms, strengthen the cultivation of high-value patents and intellectual property strategies, and deepen the integration of digital and intelligent technologies with manufacturing processes. The Company is committed to establishing industry-leading benchmarks in smart manufacturing, driving industrial upgrading through technological transformation, and injecting innovative momentum into sustainable development.

Research and Development

The Company is committed to becoming a leading domestic developer and manufacturer of green electricity aluminium products. By consolidating internal R&D innovation resources and continuously increasing technological investment, the Company provide robust resource support for breakthroughs in core technologies. Chuangxin Industries has established and implemented the *R&D Organisation Management System*, incentivizing all employees to actively engage in technological innovation.

In 2025, guided by the principles of "safety, environmental protection, energy conservation, efficiency enhancement, and intelligent operations," the Company undertook a series of "Four New" technical renovation projects [11] centred on anode technology upgrades, waste heat recovery, red mud resource utilisation, and emission reduction technologies. This was achieved through field investigations and industry-academia-research collaborations. These technical renovation projects adhere to the principles of "demand orientation, division of labour and coordination, and full-process closed-loop management." Departments fulfill their respective roles with seamless integration, establishing a standardised process from demand initiation, procedural handling, construction implementation to acceptance summarization and funding assurance. This drives efficient project implementation, supporting the Company's development goals of energy conservation, consumption reduction, quality enhancement, and efficiency improvement. This year, Chuangxin Industries undertook 220 technical renovation projects.

The application and management of specialized subsidy funds adhere to the principles of "standardised procedures, clear delineation of responsibilities, precise control, and performance prioritization." At the operational level, the Strategic Development Department coordinates policy alignment, documentation preparation, multi-departmental review processes, and end-to-end tracking and coordination to ensure compliant and efficient application procedures. Upon fund disbursement, the Strategic Development Department promptly finalizes payment details and coordinates process oversight, collaborating with finance, materials, procurement, and other departments to ensure dedicated fund usage. Following project completion, the department leads comprehensive acceptance inspections involving multiple departments, issues project evaluations, and integrates relevant documentation to close the archival loop, providing a reference for future projects. In 2025, the Company secured special subsidy funds totaling RMB 126.9791 million[12] .

Inner Mongolia Chuangyuan Collaborates with Central South University on Cutting-Edge Technologies Including Inert Anodes

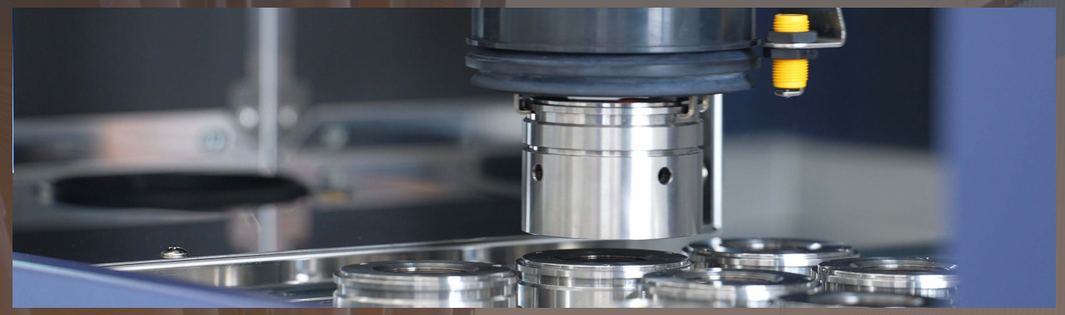
To overcome the high energy consumption and pollution bottlenecks of traditional carbon anodes, Inner Mongolia Chuangyuan's technical team engaged in in-depth discussions with professors from Central South University on cutting-edge technologies such as inert anodes. The metal-ceramic system integrates the conductivity of metals with the corrosion resistance of ceramics. Achieving breakthroughs in this area would deliver significant carbon reduction and cost-saving benefits: firstly, it would drive direct carbon emissions from electrolytic aluminium production towards near-zero levels, solidifying the foundation for emissions reduction at the source; secondly, it would extend the theoretical anode lifespan from 37 days for traditional carbon anodes to over one year, substantially reducing material replacement and maintenance costs. The Company is currently collaborating to overcome engineering challenges such as the high initial investment and preparation costs associated with this technology, thereby building core capabilities for the green electricity aluminium industry's transition to net-zero carbon.

Inner Mongolia Chuangyuan and Norwegian Elkem Professor Team Conduct Technical Exchange on SCP

Inner Mongolia Chuangyuan and the Norwegian Elkem professor team conducted technical exchanges focused on aluminium chloride electrolysis processes and the application of Superconductive Cathode Paste (SCP). They prioritized assessing the adaptability and feasibility of this process within China's green development context and completed comparative energy consumption optimisation data analysis. The Elkem team shared energy-saving case studies demonstrating a 15% reduction in heat loss using SCP materials in Nordic industrial electrolytic cells. Inner Mongolia Chuangyuan, drawing upon operational parameters from its 500kA electrolytic cell, conducted an in-depth analysis of the technical advantages of aluminium chloride electrolysis in low-carbon energy consumption. It objectively assessed the gaps in alignment with China's domestic energy structure and industrial policies. Regarding the localized application of SCP materials, systematic modification recommendations were proposed. Further discussions with the Elkem team centred on performance testing and construction optimisation, leveraging international technical cooperation to provide technological support for the implementation of corporate carbon reduction targets.

10. Customer satisfaction = Number of satisfied customers / Total number of customers responding to the survey

11. New technologies, new processes, new materials, and new equipment
12. Includes funds applied for in 2024 and 2025, and disbursed in 2025



Shandong Chuangyuan and Shandong University Jointly Develop Red Mud Modification and Fractionation Utilisation Technology

Through collaborative laboratories and on-site pilot testing, Shandong Chuangyuan and Shandong University achieved significant breakthroughs in the circular economy and energy efficiency enhancement. The jointly developed red mud modification and fractionation technology has successfully elevated red mud resource utilisation rates to 90%. Concurrently, integrating Shandong University's mass transfer separation technology to optimise the Bayer leaching process has reduced energy consumption by over 20%. This technology has been successfully applied in a 1.5-million-ton annual aluminium hydroxide production project, earning certification as a "Shandong Provincial Circular Economy Demonstration Project" and achieving dual economic and environmental benefits.



The "Inner Mongolia Chuangyuan Green Aluminum-Based New Materials Research and Development Centre" Recognized as a 2022 Inner Mongolia Autonomous Region Enterprise R&D Centre



Inner Mongolia Chuangyuan Awarded High-Tech Enterprise Certification

Intellectual Property Management

Chuangxin Industries strictly adheres to laws and regulations including the *Civil Code of the People's Republic of China*, the *Patent Law of the People's Republic of China*, and the *Trademark Law of the People's Republic of China*. It actively refines its intellectual property (IP) management system, fully leveraging the strategic driving role of IP in corporate development. While continuously enhancing its capacity for independent innovation and IP utilisation, the Company strictly prohibits the infringement of others' patents, trademarks, copyrights, and other intellectual property rights. During the reporting period, the Company did not engage in any IP-related violations or illegal activities.

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Patents Held at the End of 2025

Chuangxin Industries adheres to legal compliance as its baseline, upholding the principle of balancing comprehensive protection with dynamic risk management. Centred on core intellectual property such as patents and copyrights, the Company has established and implemented five standardised full-process management systems, creating a robust protective barrier for its innovation achievements.

Preliminary Preparation and Third-Party Selection	A dedicated task force comprising the Strategic Development Department, Technical Department, and Finance Department collaborates with third-party institutions to screen key R&D projects and define core IP protection requirements. Concurrently, the Finance Department establishes supplementary accounts for R&D expenditure, laying the groundwork for cost accounting and tax compliance reporting.
In-house Technical Upgrades and Collaborative Exploration	The Technical Department leads in-house technical upgrades while simultaneously collecting expense data and submitting it to third parties to formulate R&D expense allocation schemes. The Finance Department conducts monthly, subject-specific accounting based on dedicated ledgers to ensure expense traceability. Through the simultaneous advancement of technical upgrade implementation and IP exploration, innovation protection is deeply integrated with R&D activities.
IP Application and Acquisition	Third-party agencies lead the drafting of IP application materials, supported by internal technical personnel who provide operational data and technical details. The Strategic Development Department collaborates to monitor the approval progress, ensuring successful acquisition.
Internal Maintenance and Risk Prevention	Third-party agencies regularly synchronize IP maintenance information, dynamically update IP ledgers, and assist in identifying infringement risks. The Company strengthens internal confidentiality management to prevent core technology leaks and safeguard IP security.
Monitoring, Evaluation and Continuous Improvement	The Strategic Development Department conducts biannual assessments of third-party agencies regarding application efficiency and grant success rates. Improvement measures are formulated for any identified weaknesses, continuously enhancing the full-process management of intellectual property to support the Company's technological innovation and high-quality development.

Inner Mongolia Chuangyuan Intellectual Property Specialized Training

In February 2025, Inner Mongolia Chuangyuan organised specialized training aligned with annual patent application requirements, inviting third-party IP experts to deliver systematic instruction on patent project planning, application techniques, infringement risk identification, and trade secret protection essentials. Twenty-nine technical specialists from the aluminium plant and power plant specializing in processes and equipment, participated in the training through in-person lectures and case studies. This training not only clarified key patent application directions for the year and enhanced technical personnel's patent filing and risk prevention capabilities, but also drove internal departments to refine their trade secret protection mechanisms. It laid a solid foundation for the efficient execution of the subsidiary's intellectual property work throughout the year.

Digital Intelligence Management

Chuangxin Industries is focusing on its "Digital Innovation" strategy, leveraging its Enterprise Resource Planning (ERP) system, Manufacturing Execution System (MES), Intelligent Warehousing, and Metrology Systems to progressively establish a full-link digital control framework. At the system deployment level, the Company has completed the iterative upgrade of its ERP system, achieving seamless data interoperability and closed-loop management across all processes. At the application level, the Company has utilised intelligent production scheduling to enhance operational efficiency, coordinated the ERP with metrology systems to accelerate supply chain responsiveness, and opened order inquiry portals to customers, leveraging digital capabilities to address customisation demands. Digital transformation is emerging as the core engine driving quality improvement, efficiency gains, and service upgrades.

In 2026, the Company's digital development is anchored to the strategic objectives of "Unified Platform, Online Closed-loop, Quality and Efficiency Enhancement." Advancement is deepening across eight core directions: Unified Platform, Unified Portal, Financial and Operational Integration, Metering Management, Establishment of Group Standards, Business Standardisation, Innovation Marketplace, and Innovation Supermarket.

Currently, with the ERP system acting as the core operational backbone, the Company has achieved preliminary full-scenario closed-loop integration across production, R&D, procurement, sales, warehousing, and distribution through the deep integration of its data middle platform and standard Application Programming Interfaces. This unifies and standardises production processes from the MES, automated warehousing from the WES, and weighing data from the metering platform, effectively eliminating information silos across systems. Furthermore, by fully integrating with a unified electronic procurement platform, the Company is continuously advancing the centralisation and efficient coordination of procurement resources. This has enabled full-process automation and data standardisation for core operations, such as aluminium ingot procurement, from sourcing to settlement.

Manufacturing Execution System
MES

The MES enables real-time monitoring and process simulation optimisation across the entire alumina production flow, covering core stages including raw material feeding, energy consumption, and warehousing. By integrating AI cameras and intelligent robotic arms, it establishes an integrated production control system. Its comprehensive batch traceability and quality management functions not only meet stringent production standards but also serve as a provincial-level demonstration project, providing reusable intelligent integration solutions for process industries.

Distributed Control System
DCS

Employing the independently developed and controllable NT6000 solution, this system is deeply customised for the high-temperature, highly corrosive processes of alumina production, enabling real-time production monitoring and sub-second fault response. By integrating AI and digital twin technologies, the DCS plays a pivotal role in energy consumption optimisation, automated carbon emissions data collection, and predictive equipment maintenance. This approach ensures compliance with environmental regulations while achieving a deep integration of policy adherence and economic benefits.

Quality Management System
QMS

Spanning the entire product lifecycle from procurement to delivery, the QMS ensures consistent quality through automated alerts and batch traceability mechanisms. Deep system integration significantly reduces human error, cutting quality issue response times by 50%. This enables precise, comprehensive control to guarantee high-quality delivery.

Warehouse and Logistics Management System
WMS/WCS

Logistics operations leverage the WMS/WCS integrated with Internet of Things (IoT) technology for real-time inventory tracking and dynamic optimisation. System implementation boosts material turnover efficiency by 20%, elevates overall dispatch efficiency by over 30%, and markedly enhances supply chain responsiveness.

Big Data Analytics Platform
BI

The BI platform provides management with scientifically precise decision support through deep integration of multi-dimensional production and operational data. This strengthens data-driven management logic, enabling the enterprise to continuously improve quality and efficiency within complex production environments.

Shandong Chuangyuan Intelligent Warehouse

Shandong Chuangyuan has implemented an intelligent automated warehousing system centred on high-density storage and flexible scheduling, comprehensively advancing the digital and intelligent transformation of its warehouse operations. The system employs a dual-robot collaborative model featuring transport robots and aerial ladder robots, supporting modular independent operation. Equipped with supercapacitor technology that enables ultra-fast charging within seconds, it reduces overall energy consumption by 20% to 40% compared to traditional warehousing solutions. Leveraging the "Superbrain 2.0" AI algorithm for the dynamic optimisation of storage allocation and transport routes, the system achieves a picking efficiency of 1,200 rows per hour. Shelving efficiency has tripled compared to manual operations, with picking accuracy reaching 99.99%. This system effectively alleviates warehouse space constraints, reduces reliance on manual labour, and significantly drives quality and efficiency improvements in logistics operations.

Inner Mongolia Chuangyuan Integration of Informatization and Industrialization Management System Certificate

In June 2025, Inner Mongolia Chuangyuan obtained AA-level certification for its Integration of Informatization and Industrialization Management System. This achievement enabled cross-departmental business integration and efficient collaboration across the entire industrial chain, substantially shortening production cycles and enhancing digital business coverage. Leveraging this system, the subsidiary achieved precise control over green electricity utilisation, energy consumption management, and cost accounting. This not only effectively reduced overall costs but also ensured the sustained stability of its high-end product quality.


中国船级社
CHINA CLASSIFICATION SOCIETY
两化融合管理体系评定证书
AA
内蒙古创源金属有限公司

Inner Mongolia Chuangyuan's Successfully Attains Level 3 Digitalisation Certification

In December 2025, Inner Mongolia Chuangyuan secured Level 3 certification under the Digital Transformation Maturity Model. Assessed against the *Inner Mongolia Autonomous Region Manufacturing Digital Transformation Level Evaluation Metric System (2024 Edition)* and relevant standards, this achievement was driven by a clear digital transformation strategy, comprehensive digital coverage across core operations, and significant IoT equipment upgrades. The subsidiary thus became one of the first traditional manufacturing enterprises in the region to attain this certification level. This milestone signifies that its digital transformation has formally progressed from localised applications to a new phase of systematic integration and deep convergence. It enables cross-departmental and cross-system business integration and collaboration, serving as a vital benchmark for the high-quality development of the region's traditional manufacturing sector.

Through a regular self-inspection mechanism and comprehensive digital literacy training for all staff, Chuangxin Industries promotes the deep integration of system operations with green, low-carbon practices and industry-academia-research innovation, continuously stimulating digital momentum for high-quality development. We regularly organise systematic training and sand table drills, combining theoretical instruction with practical application. Tailored operational manuals are developed concurrently to align with specific job roles. The Company conducts biannual digital training sessions covering team leaders, key personnel, and front-line staff. Additionally, the Company has established an online communication platform alongside regular face-to-face exchanges to comprehensively gather system usage feedback from the front-line. These inputs are managed through a prioritised list, scientifically categorised, and resolved with proactive updates on progress and outcomes. This inclusive approach drives the continuous optimisation of the digital system through full staff participation.

Supporting Employee Wellbeing and Fostering Growth

Chuangxin Industries is dedicated to cultivating an equitable, diverse, and inclusive workplace. Building upon a solid foundation of occupational health and safety, the Company provides a robust platform for career advancement, aligning individual value with corporate goals.

Safeguarding Employee Rights

Chuangxin Industries strictly complies with applicable laws and regulations, including the *Labour Law of the People's Republic of China*, the *Labour Contract Law*, the *Provisions on the Prohibition of Using Child Labour*, and the *Law on the Protection of Women's Rights and Interests*, alongside the core conventions of the International Labour Organisation (ILO). The Company is committed to establishing a fair, transparent, and compliant employment framework to effectively protect workers' fundamental rights. These labour standards apply universally across all company operations, extending to the contractors and partners of the Company. In 2025, the Company recorded zero incidents of child labour, forced labour, discrimination, or harassment.

Labour Standards

Child Labour: The Company has formulated and implemented the *Management Procedure for the Prohibition of Child Labour* and Remedial Measures, strictly prohibiting the direct or indirect employment of child labour under the age of 16. The Company has formulated the *Recruitment Management System*, establishing a standardised recruitment screening process and explicitly stipulating that the minimum hiring age must comply with statutory working age requirements. During the onboarding phase, the Company implements rigorous identity verification mechanisms. By authenticating identity documents and establishing digital records, the Company ensures 100% compliant recruitment. During the reporting period, no instances of child labour violations were identified. Should any violations occur, the Company will immediately initiate investigations and implement corrective actions, including but not limited to the immediate termination of non-compliant employment, the provision of necessary assistance to affected employees, and holding relevant management personnel accountable. No related incidents or complaints were reported during the period.

Forced Labour: The Company fully implements the *Forced Labour Management Procedure*, strictly prohibiting any form of forced labour, human trafficking, or debt bondage. During recruitment, the Company prohibits requesting deposits from workers or withholding original identity documents, ensuring employment relationships are entirely based on the principle of voluntariness. The Company fully safeguards employees' freedom to terminate employment within a reasonable notice period, as well as their freedom of movement within workplaces and accommodation facilities. During the reporting period, no instances of forced labour violations were identified. Should any forced labour incidents occur, the Company will immediately cease the infringing practices, protect employees' personal liberty and fundamental rights, and initiate internal investigations to hold management accountable. Concurrently, the Company will systematically reform employment systems, and strengthen employee grievance channels and compliance training to eliminate such risks.

Freedom of Association and Collective Bargaining Rights: The Company orderly implements the *Freedom of Association and Collective Bargaining Rights Management Procedure*, respecting employees' lawful rights to freely establish and join trade unions, and to exercise collective bargaining. The Company informs employees of their statutory rights through induction training, employee representative congresses, and trade unions. Concurrently, employees may raise concerns regarding safety, health, welfare, and remuneration matters to management through democratically elected representatives, ensuring frontline voices receive timely and effective responses. By the end of 2025, 100% of Inner Mongolia Chuangyuan's employees had joined the trade union, accounting for 69% of the Company’s total workforce.

Anti-Discrimination: The Company fully implements the *Anti-Discrimination Management Procedure*, strictly prohibiting differential treatment based on race, ethnicity, religion, gender, age, or health condition in recruitment, employment, remuneration, training, promotion, and retirement. Employees experiencing unfair treatment may lodge complaints via a designated public email or to management representatives. The Company guarantees that an investigation will be completed and a response provided within fifteen days.

Anti-Violence and Harassment: The Company strictly adheres to the *Prohibition of Violence and Harassment Regulations*, eliminating corporal punishment, mental or physical coercion, sexual harassment, non-sexual harassment, or verbal abuse. The Company requires management personnel and contractors to rigorously manage disciplinary matters, and security personnel are strictly prohibited from using force to discipline employees.

The Company safeguards employees' rights to information and participation through diverse channels. During the induction phase, fundamental employee rights and company policies are systematically introduced via onboarding training and employee handbooks. During employment, the Company organises regular specialised training and communication sessions, dynamically updating policy information via platforms such as noticeboards and internal communications to ensure employees are promptly aware of the latest regulations. The Company encourages management to engage in direct dialogue with staff, promptly addressing queries to foster an open and transparent labour communication mechanism. The Company provides all employees with training on opposing workplace discrimination and harassment, establishing clear reporting procedures. Employees are encouraged to promptly report any witnessed or experienced misconduct through internal complaint channels, the trade union, or management. For verified incidents of discrimination or harassment, the Company implements necessary corrective or disciplinary measures in accordance with relevant management systems, ensuring issues are addressed fairly and appropriately.

Chuangxin Industries extends its human rights commitments from its own operations to its supply chain, requiring suppliers and partners to adhere to equivalent human rights protection standards. The Company has established a human rights due diligence process covering its own operations, value chain partners, and new business relationships such as mergers and acquisitions. Human rights due diligence is conducted at least once every three years, resulting in the issuance of a *Human Rights Impact Assessment Report*. The scope of the Company's human rights due diligence encompasses issues such as forced labour, child labour, discrimination, and the right to collective bargaining. The investigation subjects include its own employees, local communities, and supplier employees. Identified potential high-risk groups include women, children, indigenous peoples, and local communities. Over the past three years, the Company has conducted human rights due diligence on 100% of its own operations, contractors, and tier-one suppliers.

For assessed human rights risks, the Company formulates specific remedial and improvement measures, assigning clear responsibilities and timelines to ensure effective implementation. Human rights risk mitigation plans are established for all operational sites. For verified human rights violations, the Company initiates corrective actions based on the nature of the issue-such as rectification orders, termination of cooperation, or financial compensation-ensuring victims' rights receive timely and fair protection.

Compliant Employment

Recruitment Management

The Company adheres to the recruitment principles of "openness, fairness, impartiality, and job-person fit", resolutely rejecting any form of employment discrimination. The Company complies with the Recruitment Management System, entering into written employment contracts with all employees that clearly define core terms including job responsibilities, labour protection, remuneration, and social insurance. This ensures that the processes for signing, amending, dissolving, and terminating employment contracts fully comply with legal requirements, safeguarding the legitimate rights and interests of both employers and employees.

Working Hours

The Company formulates and routinely implements the *Working Hours and Overtime Management Procedure*, resolutely opposing any form of forced labour, debt bondage, or servitude. The Company respects employees' right to rest, continuously monitors working hours, strictly controls overtime duration, minimises overtime where possible, and provides overtime compensation or compensatory leave in accordance with the law. The Company rigorously safeguards employees' statutory holiday entitlements, fully implementing paid annual leave, marriage leave, maternity leave, and other systems to ensure unimpeded access to leave rights. Institutionalised management maintains work-life balance for employees. The Company ensures daily working hours do not exceed 8 hours and weekly hours do not exceed 40 hours. Under normal circumstances, daily overtime does not exceed 1 hour. Where special circumstances necessitate an extension, daily overtime must not exceed 3 hours, and monthly overtime must not exceed 36 hours[13].

Resignation Procedures

The Company adheres to compliant and equitable resignation management protocols, respecting employees' right to freely choose their employment. During the resignation process, the Company ensures that salary settlements, social insurance transfers, and personnel file transfers are handled in accordance with laws and regulations. The Company actively seeks employee feedback through exit interviews to continuously optimise internal management. The Company undertakes to establish reasonable consultation or notice periods prior to any mass termination of contracts, proactively engaging with employees or their representatives to explore alternative solutions and minimise the impact of redundancies on employees' livelihoods. During the reporting period, no instances of mass termination of contracts occurred.

Remuneration Management

The Company formulates and implements the *Remuneration Management Procedure*, with salary determination strictly adhering to the principles of fairness, competitiveness, and equal pay for equal work. In 2025, the Company conducted market research on industry remuneration in Inner Mongolia and Shandong. Based on the findings, job salary grades were optimised to provide employees with competitive remuneration sufficient to sustain living standards, exceeding local cost-of-living benchmarks. Across gender and geographical dimensions, the Company applies uniform remuneration standards for equivalent roles, eliminating gender-discriminatory pay structures to ensure equal pay for equal work. Additionally, the Company provides specialised allowances for overseas postings, high-temperature environments, and other specific working conditions without differential treatment, ensuring precision in incentives while upholding fairness and equity.

In 2025, the Company achieved a 100% labour contract coverage rate and a 100% social insurance coverage rate for employees.

Diversity and Equity

Chuangxin Industries strictly adheres to laws and regulations including the *Regional Ethnic Autonomy Law of the People's Republic of China* and the *Law of the People's Republic of China on the Protection of Women's Rights and Interests*. Based on these, the Company has formulated procedures such as the *Anti-Discrimination Management Procedure*, the *Female Employee Protection Management Procedure*, and the *Anti-Violence and Harassment Management Procedure*, establishing a multi-dimensional workplace care and democratic management mechanism.

Shandong Chuangyuan's "Integration and Co-creation" Diversity Awareness Enhancement Workshop

In 2025, Shandong Chuangyuan launched its "Diversity and Inclusion" workshop series, aimed at breaking down departmental silos and cognitive limitations while deepening employees' understanding of diverse values. The programme reached over 200 participants, including middle managers and core staff members. Anonymous surveys revealed that 95% of attendees felt the workshops effectively enhanced their understanding of different employees' work styles and perspectives, while 88% expressed their intention to consciously encourage diverse expression in future team collaborations.

13. Overtime restrictions do not apply in cases of natural disasters, accidents, or other threats to workers' health, safety, or property, or when urgent repairs are required for production equipment, transport routes, or public facilities.

Women's Rights Protection and Career Support

Special Protection

The Company rigorously implements the *Regulations on Special Labour Protection for Female Employees*, strictly prohibiting any reduction in remuneration or termination of employment contracts due to pregnancy, childbirth, or breastfeeding. This ensures equal career development opportunities for women and eliminates all forms of discrimination in recruitment and employment practices.

Special Benefits

The Company regularly organises specialised health check-ups and occupational health training for female employees. The Company guarantees a half-day statutory holiday on International Women's Day (8th March) and provides festive gifts, enhancing female employees' sense of belonging and well-being.

Inner Mongolia Chuangyuan's Reading Zone for women

Inner Mongolia Chuangyuan has established a reading zone for women within its staff reading room, empowering female employees' growth through humanistic care. Positioned in a tranquil area, the zone features comfortable seating and greenery to create a welcoming reading environment. It stocks specialised books on women's development, workplace empowerment, parenting education, and literary classics, with regular updates. Serving both reading and socialising functions, this dedicated space enriches female staff members' intellectual horizons and enhances their overall cultivation, allowing humanistic care to permeate work and life, resonating deeply with individuals.



Ethnic Equity and Cultural Integration

Regional Integration

The Company deeply respects the cultural diversity of its operational locations. Considering the ethnic composition of Inner Mongolia, the Company actively recruits local minority labour while ensuring complete equality in remuneration, performance recognition, and career advancement.

Customary Respect

The Company fully accommodates the dietary preferences and religious observances of employees from all ethnic backgrounds. By organising inter-ethnic collaborative activities, the Company fosters deep integration among employees from diverse ethnicities in both work and daily life, building a harmonious workplace community.

Local Recruitment

The Company actively implements localised employment policies, prioritising job positions and internship opportunities for residents in project locations. Through targeted skills training programmes, the Company assists local employees in enhancing their professional capabilities, enabling mutual growth for both individuals and the enterprise.

In 2025, the Company's proportion of female employees reached 11.46%, ethnic minority employees accounted for 27.68%, and localised employment constituted 40.89% of the workforce.

Employee Care

Beyond statutory benefits, the Company continuously offers a rich variety of supplementary benefits to enhance employee fulfilment.

Various Allowances

Transport allowance, communication allowance, birthday benefits, high-temperature allowance, length-of-service allowance, academic and professional title allowances, and middle/night shift allowances.

Performance Rewards and Bonuses

Annual Performance Bonus, Special Contribution Award, Trade Union Contribution Award, Management Exemplar Award, Technical Contribution Award, Cost Reduction and Efficiency Enhancement Award, Model Worker Award, Talent Development Award, Outstanding Individual Award, Outstanding Team Leader Award, and Outstanding Party Member Award.

Welfare Housing

Free dormitories are provided for non-local employees, equipped with water, electricity, heating, and furniture. A home purchase subsidy policy is also implemented.

In 2025, the Company deepened its commitment to humanistic care. Focusing on "cultural and sports empowerment, festive warmth, and enhanced care" as key initiatives, the Company built a diverse activity matrix, solidifying the foundation of employee happiness with a vibrant variety of cultural and sports events.



Inner Mongolia Chuangyuan's 2025 Warmth Delivery During the Two Festivals Event


Inner Mongolia Chuangyuan's Lantern Festival Riddle Guessing Event


Free Health Check-ups for Employees


Inner Mongolia Chuangyuan's Traditional Chinese Medicine Lecture on "Winter Wellness"


Inner Mongolia Chuangyuan's 3rd Staff Marathon


Inner Mongolia Chuangyuan's 5th Staff Singing Competition


Shandong Chuangyuan's Staff Fun Sports Day

**In 2025 the Company,
employed 76 ex-service personnel;
assisted 33 children of employees**

Employee Communication and Grievance Procedures

The Company has established a multi-dimensional and comprehensive democratic communication channel and management system. By strengthening the Employee Representative Congress, trade union consultation, and diverse feedback platforms, the Company effectively safeguards employees' rights to information, expression, and participation. The Company has formulated and implemented the *Consultation, Communication, and Information Exchange Control Procedure*, continuously refining the democratic communication and grievance system.

Chuangxin Industries takes the Employee Representative Congress as its core vehicle, rigorously implementing representative election and proposal collection mechanisms. It deliberates on major decisions encompassing production and operations, remuneration and benefits, and labour protection, establishing a proposal tracking and disclosure system to ensure decisions fully reflect employees' aspirations. Concurrently, the Company has established a two-way feedback model integrating "online and offline" channels. This system relies on the trade union for the routine collection of employee concerns, the General Manager's Mailbox for time-bound responses, and multi-tiered employee forums to listen to grassroots voices and drive the closed-loop resolution of issues. Shandong Chuangyuan encourages employees to contribute suggestions for enhancing production efficiency and optimising management processes through its "Golden Ideas" rationalisation initiative, rewarding adopted proposals. Furthermore, the Company regularly conducts democratic appraisal activities, directly incorporating employees' evaluations of management performance into the cadre assessment system, thereby effectively elevating the organisation's democratic and scientific management standards.

Chuangxin Industries places high importance on employee concerns. In 2025, the Company conducted multiple rounds of employee satisfaction surveys covering all employees through a combination of online and offline research methods. These surveys covered six key dimensions including remuneration and benefits, career development, office environment, etc. Survey data indicates that the annual comprehensive satisfaction score reached 89.2 points[14], with dimensions such as team atmosphere and labour protection scoring above 90 points. Satisfaction with basic logistical services increased by 8% compared to the previous year. Regarding the over 300 suggestions collected concerning career development, work environment, and welfare optimisation, the Company has comprehensively initiated and implemented a closed-loop rectification process, continuously empowering employees' high-quality development.

Employee comprehensive satisfaction score reached 89.2 points, with dimensions such as team atmosphere and labour protection scoring above 90 points. Satisfaction with basic logistical services increased by 8% compared to the previous year.

Inner Mongolia Chuangyuan Conducted Employee Satisfaction Survey

Through its second-quarter employee satisfaction survey, Inner Mongolia Chuangyuan gathered concentrated feedback regarding "monotonous canteen menus and congestion during meal times". The trade union spearheaded a special consultation meeting between employee representatives and administrative support departments, finalising plans for menu enhancement, staggered meal times, and expanded serving counters. By August 2025, the Company completed canteen renovations, adding three new specialty food counters and implementing staggered meal times. This elevated dining satisfaction from 72% to 89%.

14. The full score is 100 points.

Inner Mongolia Chuangyuan Successfully Completed 2025 Annual Staff Evaluation

In December 2025, Inner Mongolia Chuangyuan systematically concluded its annual democratic staff evaluation. Through democratic and scientific management practices, the Company continuously refined its internal governance, providing robust support for talent development and strategic decision-making. Breaking from traditional evaluation models, Inner Mongolia Chuangyuan adopted a matrix-based assessment system. This quantifies performance across multiple dimensions-including professional skills, collaborative abilities, and performance contributions-while incorporating an anonymous feedback mechanism to widely collect employee suggestions. This approach successfully established a virtuous cycle of interaction featuring "top-down guidance and bottom-up feedback". The evaluation process ensured transparency, authentically reflecting performance effectiveness of management personnel and the growth potential of teams.



Inner Mongolia Chuangyuan's Democratic Evaluation Meeting

Talent Development and Training

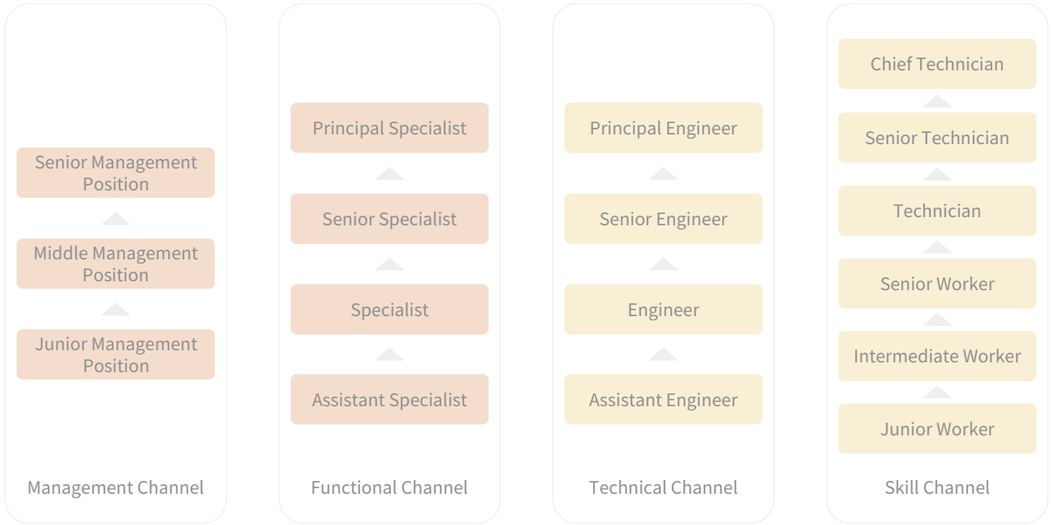
The Company is committed to building a closed-loop talent system centred on "Empowerment-Growth-Mutual Success", providing every employee with a broad stage to realise their career aspirations and driving employee growth in sync with the Company's development.

Employee Promotion and Appraisal

Chuangxin Industries strictly adheres to the *Labour Law of the People's Republic of China* and other relevant laws and regulations. The Company has formulated and implemented the *Performance System* and the *Employee Position Change Management System*, standardising internal processes for performance appraisal, competitive recruitment, job rotation, position transfer, and rank promotion. This provides institutional safeguards for the sustained development of the management talent pool.

The Company has established a multi-dimensional promotion framework featuring "dual-series four-channel". This system horizontally integrates four development channels-management, functional roles, technical expertise, and skilled trades-while vertically establishing a comprehensive progression ladder from junior technician to chief technician. Employees may either specialise deeply within a single pathway or broaden their expertise across multiple channels, achieving dual development in both professional depth and career breadth. This approach ensures technical personnel and management personnel enjoy equal promotion opportunities and development prospects.

Dual-Series, Four-Channel Promotion System



Functional Series (Management & Professional Development)

Production Series (Technology & Skill Development)

Chuangxin Industries has established a differentiated evaluation system tailored to role requirements, conducting comprehensive performance appraisals for all staff at least annually. Senior and middle management positions prioritise strategic implementation alongside 360-degree multi-dimensional assessments, while frontline, technical and skilled roles focus on achieving quantifiable targets such as operational efficiency, technical achievements and safety production. By providing real-time feedback on appraisal outcomes and translating these into personal improvement plans, the Company has effectively implemented closed-loop management encompassing remuneration incentives, role adjustments and organisational performance. The Company has also introduced an agile "performance dialogue" model as a vital supplement. Through regular one-on-one communications and team reviews, the Company not only monitors the achievement of work objectives but also focuses on employee development and rapid problem resolution.

In 2025, Shandong Chuangyuan deepened its performance incentive mechanisms by implementing an "individual + team" composite scoring model. This approach links employees' performance scores to both overall team performance and individual job contributions. By integrating assessments across dimensions such as production targets, accident rates, and operational compliance, it achieves synchronised growth between personal development and team performance, effectively strengthening collaborative awareness. Concurrently, the Company has established a transparent performance review appeal mechanism. Should employees contest their results, they may submit a formal appeal to the Human Resources Department within three working days of the outcome being issued. A cross-departmental review panel will complete the reassessment within five working days and communicate the outcome to the employee.

Employee Training

The Company adheres to the training principle of "learning for application and needs-based empowerment". By systematically building a comprehensive learning and development framework for all staff, it continuously enhances employees' professional competence and technical skills, fostering a learning-oriented organisation.

Training Audience	A tiered and categorised training framework comprehensively covers new recruits, existing staff, managerial personnel, and technical specialists, ensuring targeted development opportunities for all levels. Shandong Chuangyuan extends identical training methods and content to contract workers and part-time employees.
Training Types	Addressing comprehensive professional development needs, including three-tier safety induction and onboarding for new hires, role-specific skills training, management capability development, and technological innovation workshops. Special subsidies are provided for employees pursuing further in-service qualifications or professional certification.
Training Methods	Employing a tripartite blended model of "online + offline + practical operation". Offline sessions deepen theoretical understanding through case studies, field visits, and lectures given by external instructors. Online learning leverages the corporate learning platform for routine self-directed study. Practical skills in frontline production are reinforced through a "mentor-apprentice" system.
Training Mechanism	A rigorous one-to-one mentor-apprentice system is established, selecting core employees with over three years' service and proven technical expertise to sign 3-6 month mentoring agreements with new recruits. Monthly assessments and incentives are implemented during the mentorship period, with apprentices only permitted to work independently upon passing evaluations.

In 2025, Shandong Chuangyuan formally implemented the *Talent Development Plan (Trial) 2025*. Building upon the mentor-apprentice model, this initiative prioritises strengthening management succession planning and establishing a closed-loop mechanism for dynamic optimisation.The Company established precise "job competency models" for each workshop, implementing 2-3 month "cross-position rotational training" for newly-regularized employees to cultivate versatile technical specialists. For managerial development, the Company implemented tiered on-the-job training through a "mentoring and succession" programme, supplemented by monthly workplace experience sharing sessions led by management personnel. This systematically enhances the management vision and practical capabilities of reserve talent.

"Five Management Dimensions" Specialised Training Programme

In May 2025, Inner Mongolia Chuangyuan invited an external professional institution to conduct the "Five Management Dimensions" special training programme, attended by 110 management personnel at or above the supervisor level. This programme equipped the management team with systematic mastery of management methodologies across five key dimensions: objectives, time, learning, action, and mindset. While optimising departmental workflows, it achieved the phased objectives of "unifying understanding, standardising methods, and improving efficiency". The Company incorporated specialised, practical courses employing interactive formats such as case studies, scenario simulations, and group discussions. These sessions deconstructed practical tools including the SMART principle and the Four-Quadrant Rule, ensuring management theory is deeply combined with real-world manufacturing scenarios. To reinforce the application of training outcomes, Inner Mongolia Chuangyuan established a closed-loop management mechanism: "leadership-led learning, departmental re-training, and results review." This approach drives the implementation of management tools across all business chains.



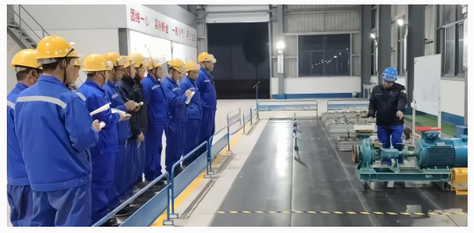
Inner Mongolia Chuangyuan's "Five Management Dimensions" Specialised Training

Strengthening Foundations, Empowering Development: Shandong Chuangyuan's Systematic Approach to Comprehensive Staff Training

In 2025, Shandong Chuangyuan comprehensively advanced its employee training system, successfully establishing a learning-oriented organisation. The Company adheres to the principles of "tailored instruction and needs-based empowerment", delivering categorised training for management personnel and technical specialists. This integrates theoretical instruction, on-site practical exercises and scenario-based simulations to ensure training aligns with core job competencies and emergency requirements.The Human Resources Department established a supervision and assessment mechanism, implementing monthly evaluations and comprehensive reviews to control quality throughout the whole training process. This system empowers employees to realise their personal value through continuous learning while providing strong talent-driven momentum for the Company's high-quality development.



Shandong Chuangyuan Employee Training Session



Shandong Chuangyuan Employee Training Session

In 2025, employee training coverage reached 100%, with an average training duration of 30 hours per employee.

Occupational Health and Safety

Chuangxin Industries prioritises employee health and safety, adhering to the core principle of "safety first, prevention-oriented, and integrated prevention and control". The Company have established a robust occupational safety management system, implemented comprehensive safety safeguards, and fostered a healthy and secure working environment for all employees. In accordance with laws and regulations including the *Work Safety Law of the People's Republic of China* and the *Fire Protection Law of the People's Republic of China*, we have formulated the *Work Safety Management Standards*, *Work Safety Accident Emergency Response System Management Standards*, *Management Standards for Work Safety Rewards and Penalties*, and various specialised emergency response plans applicable to both employees and contractors. At the same time, in compliance with the *Law of the People's Republic of China on the Prevention and Control of Occupational Diseases*, the Company have established the *Employee Labour Protection Equipment Management Regulations*, the *Work-related Injury Accident Management Regulations*, *Occupational Disease Hazard Prevention and Control Management System*, and *the Occupational Health Operating Procedures by Position* to strengthen the foundation of its safety management. During policy formulation, the Company fully solicits and incorporates employee feedback through channels such as the trade union, Employee Representative Congresses, and regular consultation forums, ensuring safety management measures remain closely aligned with frontline operational realities.

Occupational Health and Safety Management System

The Company has established a clearly structured occupational health and safety management system, integrating mechanisms such as risk classification control and hazard identification and remediation, annual training and assessment, emergency response procedures, and management review processes. This enables full-chain management from source prevention to process control.

Management Body	Key Responsibilities
Board ESG Committee	**Core Responsibilities:** for coordinating and overseeing the Company's occupational health and safety management.
Safety Committee	**Director:** General Manager **Members:** Senior management team **Core Responsibilities:** Implementing occupational safety laws, regulations, and directives from emergency management authorities; developing safety objectives, systems, standards, and contingency plans; conducting regular hazard inspections and emergency drills; evaluating safety performance and proposing improvement measures; overseeing safety funding allocation and utilisation; assessing resolution implementation and recommending rewards/penalties; sharing safety management expertise; convening quarterly safety meetings to review progress and deploy key tasks.
Safety Committee Office	**Director:** Head of Safety and Environmental Protection Department **Core Responsibilities:** Responsible for daily coordination and information exchange for the Safety Committee; assist in compiling national occupational safety laws, regulations, policy directives, and case studies of typical accidents; manage, distribute, and archive meeting materials; monitor and follow up on the implementation of Safety Committee resolutions and organise assessments; provide guidance to each workshop in their respective operations.
Each Workshop	• Workshop manager oversees safety management within the workshop, organises routine safety inspections and emergency drills; • Team Leaders are responsible for pre-shift safety briefings, informing personnel of position-specific risks, and correcting non-compliant behaviour; • Frontline employees strictly adhere to safety operating procedures, correctly wear personal protective equipment, proactively report hazards or abnormalities, and participate in safety training and skill improvement programs.

The Company has achieved 100% ISO 45001 Occupational Health and Safety Management System certification coverage for its production and related management activities. The Company treats this certification not merely as a compliance prerequisite but integrates its core principles deeply into daily governance, establishing a systematic, normalised safety operation mechanism tailored to the aluminium industry.

System compliance is fully implemented, with efficient closed-loop risk prevention and control. Tailored to production unit characteristics, the Company has established a comprehensive occupational health and safety documentation system, implementing a closed-loop mechanism of "risk identification – hazard investigation – rectification implementation – review and optimisation". Key risk areas such as special equipment, electrolysis operations, and high-temperature work are prioritised in action plans, with strengthened full-process controls, and conduct regular internal audits and management reviews. By benchmarking against industry best practices to identify improvement opportunities, the Company is committed to continuously enhancing the performance of occupational health and safety management.

A deeply embedded safety culture with strong employee participation. Guided by the principle of "strengthening safety awareness and fortifying safety defences," the Company promotes learning through competitions such as the Special Equipment Safety Knowledge Contest and the "Safety and Health Cup" Emergency Response Knowledge Contest. Regular safety skills training and emergency response drills are conducted, comprehensively enhancing employees' safety literacy and emergency capabilities while facilitating the exchange of safety expertise across different positions.

Responsibility implementation is cascaded through all levels, with safety effectiveness continuously enhanced. The Company has deeply integrated system requirements with the safety production responsibility system, achieving comprehensive coverage of safety responsibilities and ensuring they are firmly established at every level. Based on national regulations, industry standards, and risk assessment outcomes, management leads the formulation of annual core metrics, which are then broken down to teams and individuals. This ensures objectives are precisely linked to job responsibilities and major risks.


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GB/T 45001-2020/ISO 45001:2018
铝液及铝锭的生产及相关管理活动
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Inner Mongolia Chuangyuan and Shandong Chuangyuan's ISO 45001 Occupational Health and Safety Management System Certification

Based on risk assessment results, Chuangxin Industries scientifically prioritizes action plans in the areas of occupational health and safety, ensuring that high-risk operations receive priority in terms of resource allocation and corrective actions. Each action plan is accompanied by clear and quantifiable targets, enabling data-driven risk management and control. Through monthly tracking, quarterly reviews, and annual special evaluations, the Company regularly examines the achievement status of various metrics and dynamically measures actual progress in areas such as reducing workplace injuries and preventing occupational health issues.

Work Safety Targets of Chuangxin Industries

Metric	2025 Performance	2026 Target
Fatal workplace accidents	0	0
Incidence rate of occupational diseases	0%	0%
Number of fire incidents	0	0
Number of explosion incidents	0	0
Rectification rate of major accident hazards	100%	100%
Employee safety training pass rate	100%	100%
Employee safety production responsibility agreement signing rate	100%	100%
Special operations personnel certification rate	100%	100%



Occupational Health and Safety Practices



Formulating Safe Operation Standards

To standardise safe operating behaviours and ensure that employees have clear procedures and guidelines to follow, Chuangxin Industries has formulated and issued documents such as the *Safety Management Standards Compilation* and the *Confined Space Operation Management System*. These documents cover requirements including comprehensive safety supervision and management, safety technology and equipment facility management, hazardous operation management, and hazardous chemicals management, providing technical and procedural support to ensure operational safety.

Safety Risk Control and Hazard Identification

The Company places great emphasis on risk-based safety management and hazard identification and remediation. It regularly identifies safety risks associated with equipment, facilities, and routine operations, formulates appropriate safety control measures, issues safety inspection notices, and tracks corrective actions to ensure that identified hazards are properly addressed. In addition, the Company conducts special safety inspections, holiday safety inspections, and seasonal safety inspections to ensure the safety of critical equipment and operations during specific periods. In 2025, Chuangxin Industries achieved a 100% rectification rate for identified safety hazards.

Routine On-site Supervision

Chuangxin Industries implements a routine safety inspection mechanism, establishing a tiered inspection model from "company-branch factory-workshop-team". Managers at all levels conduct daily inspections of production equipment, safety protection facilities, firefighting equipment, and emergency supplies. Upon identifying potential hazards, relevant personnel immediately report them through work communication groups or issue special notifications, overseeing and tracking rectification to achieve closed-loop management of hazard identification and resolution. Concurrently, branch factories report daily hazardous operations in the safety management group, and safety inspectors review the organisation of these operations, effectively preventing gaps in on-site safety supervision and promptly stopping and correcting various violations.

Accident Investigation and Rectification

Chuangxin Industries has established and implemented a systematic safety incident investigation procedure, ensuring every workplace injury, occupational illness, and safety accident undergoes timely, objective, and thorough root cause analysis. Upon any incident or receipt of health anomaly reports, the responsible personnel immediately initiate on-site response and report upwards. The safety management department promptly organises a dedicated investigation team to reconstruct the event through site inspections, personnel interviews, and data review, identifying direct causes and management deficiencies.Following the investigation, the Company produces a written report specifying corrective measures, responsible departments, and completion deadlines. The investigation findings are incorporated into safety meetings and management reviews for thorough debriefing.

Employee Health Management

The Company prioritises employee health management, establishing a comprehensive system spanning the entire career cycle that integrates occupational disease prevention with holistic health promotion:

- The Company strictly adheres to national occupational disease prevention regulations, focusing on source control and engineering solutions for primary occupational hazards in production environments, including dust, noise, high temperatures, and toxic/harmful substances. It mitigates occupational health risks through continuous process improvements, enhanced protective facilities, and the provision and supervised use of effective personal protective equipment.
- The Company regularly organises occupational health examinations for employees exposed to hazards before commencing work, during employment, and upon leaving their posts, establishing and maintaining individual occupational health surveillance records. Concurrently, the Company actively conducts occupational hygiene training to enhance employees' self-protection capabilities.

Contractor and Related Party Management

The Company has established the *Contractor Safety Management Measures*, which clearly define requirements for contractor recruitment, contract signing, pre-entry safety documentation review, pre-entry safety training, daily safety management, and performance assessment. All contractors are required to strictly comply with these requirements. For the daily management of contractor operations, the Company adopts a "routine safety inspections + special safety inspections" approach, issuing safety and environmental inspection notices and tracking the rectification of identified hazards. Shandong Chuangyuan has also established a contractor safety performance evaluation system, which quantitatively assesses contractors across dimensions such as safety training, hazard rectification, violation frequency, and accident rates. The evaluation results are directly linked to contractors' eligibility for future cooperation.

Chuangxin Industries' Special Training on "Three Safety Violations"

In December 2025, the Company organised special training on "Three Safety Violations". Through theoretical lectures, case studies, and safety awareness films, the training thoroughly analysed the severe consequences of unauthorised command, non-compliant operations, and breaches of labour discipline. This initiative significantly enhanced employees' safety awareness and emergency response capabilities, laying a solid foundation for sustained stability in the Company's safety production situation.



Safety Training Session

Occupational Health and Safety Capacity Building

Chuangxin Industries consistently adheres to the emergency drill principles of "compliance with laws and regulations, integration with actual conditions, proximity to real combat, emphasis on practical effectiveness, safety and order and scientific planning." Emergency drills are fully integrated into the annual routine management system, with drill plans formulated and issued yearly. This year, the electrolytic aluminium division prioritised system stability, occupational health, and cross-position safety coordination, while the alumina division concentrated on on-site response to core risks such as transformer fires and electric shock first aid. Through a closed-loop process of "drill-assessment- rectification-optimisation", the Company effectively validated the scientific nature of its emergency plans. This approach achieved a deep integration of plan testing, team training, and mechanism refinement, significantly enhancing the entire workforce's practical collaboration and emergency response capabilities under extreme operating conditions. By 2025, Chuangxin Industries had cumulatively organised 133 drills, covering 3,429 participants.

Emergency Drill for Liquid Ammonia Leakage in the Inner Mongolia Chuangyuan Ammonia Zone

In June 2025, Inner Mongolia Chuangyuan organised an emergency drill for liquid ammonia leakage in the ammonia area, with 20 personnel participating.The exercise simulated a liquid ammonia leak originating from a loosened packing on the pneumatic valve at the outlet of Tank D in the ammonia area, resulting in one patrol duty officer suffering ammonia poisoning and collapsing. Each drill team executed the pre-established emergency response plan, completing critical tasks including casualty treatment, leak source containment, spill material disposal, and site restoration.



Emergency Drill

Inner Mongolia Chuangyuan High-Temperature Molten Aluminium Crucible Leakage Incident Emergency Drill

In September 2025, Inner Mongolia Chuangyuan conducted an emergency rescue drill for molten aluminium crucible leakage incidents. The simulation involved a crucible overheating and emitting smoke during transport. The driver immediately reported the incident and halted the vehicle. The workshop activated its emergency plan, with all rescue teams swiftly arriving at the scene. They transferred the leaked molten aluminium crucible to a spare crucible and implemented cooling measures for the vehicle. Officials from Tongliao Municipal Emergency Management Bureau attended the drill and commended the Company, noting the drill's meticulous organisation and prompt response, which fully demonstrated the Company's capability to handle such incidents.

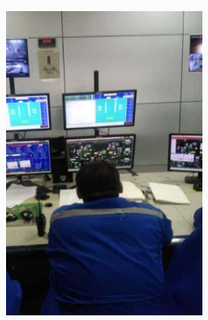


Emergency Drill

Shandong Chuangyuan Conducted Specialised Transformer Fire Drill

In April 2025, Shandong Chuangyuan organised a specialised emergency drill for transformer fires. The drill simulated a fire being detected during routine inspection and promptly reported, triggering the immediate activation of the emergency response plan. Teams collaborated to simultaneously execute initial fire suppression, hazard identification, and casualty care. After the drill, participants conducted a closed-loop assessment to ensure procedures align with operational requirements. This drill effectively validated the contingency plan's practicality, enhanced frontline staff's operational capabilities and coordination in electrical fire scenarios, and strengthened foundations for the safe operation of production areas.





Emergency Drill

Electric Shock Emergency Drill Conducted by Shandong Chuangyuan

In July 2025, Shandong Chuangyuan conducted a specialised emergency drill for electric shock incidents. The simulation involved an inspection staff member suffering an electric shock due to improper operation. Upon receiving the report, the workshop promptly activated the on-site response plan. Each emergency team collaborated to systematically complete the entire operational process: incident reporting, disconnecting the power source at the scene, rescuing the injured, and eliminating hazards. The drill also demonstrated cardiopulmonary resuscitation (CPR) and power equipment isolation measures. Following the drill, the Company conducted an in-depth review and assessment to ensure continuous refinement of response procedures. This drill effectively enhanced interdepartmental coordination capabilities and frontline staff's practical skills in electrical shock emergency response.

Safety Culture Development

Chuangxin Industries has established a comprehensive occupational health and safety training system covering all employees and contractors, in accordance with the *Regulations on Safety Training for Production and Business Units*. This system adopts a multi-dimensional framework that includes certification for principal responsible persons and safety managers, specialised training for special operations, and universal education for all personnel. New employees are required to complete three- or four-level pre-job safety training, while on-the-job employees must complete at least 20 hours of refresher training each year. Training content covers key areas such as laws and regulations, hazard identification, maintenance and proper use of personal protective equipment, and emergency self-rescue, with assessments conducted to ensure training effectiveness.

In 2025, the Company conducted 720 occupational health and safety training sessions, reaching more than 4,700 participants. Training topics not only focused on special operations and safety requirements, but also expanded to include psychological health and disease prevention. In addition, the Company organised a training program on mental health care for workers, with 1,525 workshop managers and frontline employees participating.

Inner Mongolia Chuangyuan 100-Day Safety: "Zero Injury, Zero Accident" and "Outstanding Safety Whistleblower" Event

To further enhance safety awareness among frontline workshop teams, the Inner Mongolia Chuangyuan aluminium plant and power plant launched a "100-Day Safety: Zero Injury, Zero Accident" event. Centred on six key areas—fully implementing post-specific safety production responsibility systems, strengthening employee safety awareness, deepening hazard identification and rectification, improving emergency response capabilities, rigorously controlling high-risk operations, and strictly enforcing the "Two Tickets and Three Systems"—the initiative reinforced the Company's safety management, fundamentally preventing production safety incidents. The event achieved full coverage across both the aluminium plant and power plant, involving over 1,900 participants.

Inner Mongolia Chuangyuan Special Equipment Safety Knowledge Competition

To strengthen the safety management of special equipment and encourage relevant personnel to actively learn and master safety knowledge related to such equipment, Inner Mongolia Chuangyuan organised a Special Equipment Safety Knowledge Competition in December 2025. The competition focused on equipment operation procedures, and through interactive quiz sessions, it helped reinforce employees' knowledge of special equipment safety management.

Enhancing Firefighting Skills, Fortifying Safety Defences

To enhance fire prevention capabilities among employees in production positions, Inner Mongolia Chuangyuan successfully conducted its seventh specialised firefighting skills training programme for production personnel during the 2025 "Safety Production Month" in June. This training focused on understanding fire extinguishing principles and practical operation of firefighting equipment, enabling employees to master the correct use of various firefighting tools and apparatus. It significantly improved their self-rescue, mutual aid capabilities, and initial fire response skills during emergencies.



Inner Mongolia Chuangyuan Firefighting Skills Training

Shandong Chuangyuan Organised Safety Month Banner Signing Event

In June 2025, Shandong Chuangyuan launched its "Work Safety Month" event under the theme "Safety for all, preparedness for every individual". Sixty employee representatives from frontline and management roles participated in the event. Through signing safety-themed banners and a collective pledge, the Company transformed abstract "safety commitments" into tangible responsibilities. This solemn ceremony reinforced employees' sense of ownership and mission awareness.

Shandong Chuangyuan's Specialised Safety Management Training Led by External ISO 45001 Experts



Driving Industrial Synergy with Responsibility

The Company is committed to building a transparent, responsible, and sustainable supply chain ecosystem. By actively responding to global sustainable development initiatives in the aluminium industry, Chuangxin Industries works together with upstream and downstream partners to develop a green, low-carbon, and mutually beneficial industrial collaboration system.

Supply Chain ESG Management

Supplier Management Approach

Chuangxin Industries upholds the principles of "Integrity as the foundation, fair competition, and mutual benefit," strictly adhering to laws and regulations including the *Bidding Law of the People's Republic of China* and the *Law Against Unfair Competition of the People's Republic of China*. The Company has established a comprehensive supplier management system covering the entire process, including supplier onboarding, pre-collaboration due diligence and risk assessment, contract signing, performance evaluation, and relationship maintenance. The Company has formulated and implemented systems including the *Supplier Management Control Procedure*, *Procurement Process Control Procedure*, *Supplier Development and Management Process Control Procedure*, *Supplier Evaluation Management Control Procedure*, and *Fair Trading and Advertising Competition Management Control Procedure*, applying uniform hiring and management standards to all suppliers. During the reporting period, Chuangxin Industries fully implemented supplier hiring management requirements, with relevant management standards covering 100% of suppliers.

Supplier Onboarding

Platform Registration and Preliminary Review: New suppliers must first register on the Company's supplier platform and undergo preliminary review. Suppliers that pass the review are included in the Company's supplier directory, while those that fail are rejected.

Preliminary Investigation and Evaluation: The Company conducts comprehensive assessments of suppliers by collecting documents such as the *Supplier Basic Information Questionnaire*, examining factors including production scale, main product categories, business continuity, financial stability, management system certifications, and ESG management performance.

Categorised and Differentiated Management: Suppliers are classified into three categories (A, B, and C) for differentiated evaluation. For core raw material suppliers (Category A), the Company conducts strict on-site assessments. Agents must provide authorisation certificates from manufacturers to ensure traceability and supply stability.

- Category A: Suppliers of raw materials, moulds, and customer-designated suppliers (excluding importers and traders).
- Category B: Suppliers of auxiliary materials, importers, and traders.
- Category C: Suppliers providing service-oriented products or other goods.

Pre-Cooperation Due Diligence and Risk Assessment

Sample Inspection and Due Diligence: Prior to formal collaboration, both new and existing suppliers included in the supplier directory must submit samples to the Company for quality inspection and complete the *Supplier Due Diligence Questionnaire*. The investigation content references the requirements of the Aluminium Stewardship Initiative's *ASI Performance Standard Guide*, including the supplier's basic information, system certification status (including ISO 9001, ISO 50001, ISO 14001), conflict minerals usage, and other comprehensive risk assessments involving management, human rights, environment, and social responsibility. During the investigation period, the Company comprehensively considers the supplier's country of origin, industry sector, and specific risks associated with the proposed purchase to conduct systematic screening of potential risks. Our assessment methodology integrates three approaches: conducting desk-based evaluations using supplier-provided documentation, dispatching specialised procurement personnel for on-site inspections, or commissioning independent third-party institutions to perform on-site due diligence.

Risk Grading and Bidding Eligibility: The Company assigns a quantitative score to suppliers based on due diligence results and suppliers are classified into high-, medium-, or low-risk categories, with records maintained in the *Supplier Due Diligence Register*. Only suppliers classified as medium- or low-risk and whose samples pass quality inspection are eligible to participate in subsequent bidding processes.

Contract, Delivery, and Settlement

Contract Signing and Order Execution: The Company carefully defines contractual details such as payment and delivery conditions to ensure that strict ESG requirements are embedded within contractual clauses. Once the contract is approved, the Company issues purchase orders, archives relevant documents, submits advance payment applications, and coordinates material delivery based on operational needs. If a supplier fails to meet the Company's minimum ESG requirements within the required timeframe, no contract will be signed.

Logistics Inspection and Financial Settlement: The Company proactively coordinates logistics information and standardises the processing of *Goods Receipt Notes*. It promptly coordinates with suppliers to resolve any non-conformities identified during inspection. Upon goods inspection and warehousing, the Company promptly notifies suppliers to issue invoices and tracks payment progress throughout the settlement ledger to ensure timely financial clearance.

Supplier Evaluation During Cooperation

Comprehensive multi-dimensional evaluation standards: The Company formulates an annual supplier evaluation plan and conducts monthly performance assessments. Evaluation Metrics include product quality stability, delivery timeliness, service performance, and compliance with hazardous substance control requirements such as RoHS. In addition, ESG factors such as human rights, environmental impact, and anti-bribery compliance are integrated into the evaluation system. The Company also provides additional incentive points for suppliers demonstrating excellence in areas such as technological innovation, urgent order support, and green product development, encouraging collaborative innovation and sustainable development across the supply chain. For suppliers with ESG non-compliance issues, the Company may provide remote guidance or on-site technical support, assisting them in developing and implementing corrective actions to meet entry standards.

Implementation of a tiered reward and penalty mechanism: Suppliers are categorised into A, B, and C tiers based on assessment scores, with evaluation outcomes directly linked to order allocation. Grade A suppliers receive preferential treatment and guaranteed supply; Grade B suppliers experience a moderate reduction in order volumes; Grade C suppliers with poor evaluations undergo dynamic process of selection and elimination through mechanisms including corrective action requirements, rectification within a specified timeframe, and temporary suspension of supply. Suppliers that fail to complete the required improvements will be removed from the list of qualified suppliers.

Supplier ESG Management Practices

We recognizes that sustainable development is a shared responsibility across the supply chain. ESG risk identification is therefore embedded throughout the entire supplier lifecycle management process. The Board ESG Committee serves as the highest authority responsible for sustainable supply chain management, overseeing the overall effectiveness of supplier ESG governance. The Company has issued the *Responsible Procurement Policy* and the *Supplier Code of Conduct*, and has incorporated the *Supplier and Subcontractor Social Responsibility Management Control Procedure* and other specific ESG requirements into the procurement process to effectively mitigate major ESG risks within the supply chain and promote continuous improvement in ESG management across the value chain. Chuangxin Industries also conducts regular internal audits of its procurement practices to ensure compliance with the *Supplier Code of Conduct*.

Dimensions	Key Requirements
E Environment	• Comply with environmental protection laws and regulations; establish or adopt an environmental management system and set up an environmental management department; • Strengthen management of pollutant and waste discharge control during material storage, transfer, handling, and processing stages, formulating corresponding management measures; • Monitor greenhouse gas emissions and energy consumption, undertake energy conservation and emission reduction initiatives, and enhance resource utilisation efficiency; • No major or particularly major environmental pollution incidents or ecological damage events shall occur within the past two years; • Protect biodiversity, eliminate deforestation, and undertake land conservation initiatives.
S Social	• Prohibit human rights violations and resolutely eliminate the following practices: torture, cruel, inhuman or degrading treatment, forced labour, child labour, violations of international humanitarian law, discrimination and harassment; guarantee employees' freedom of association and collective bargaining rights; • Provide employees with appropriate working conditions, including reasonable working hours, remuneration above the minimum wage, safe and comfortable workplaces, and additional holiday benefits; • Establish robust health and safety systems with clearly defined preventive measures; • Provide employees with personal protective equipment meeting national and industry standards, and conduct regular safety training; • Prohibit direct or indirect support for any non-state armed groups; prohibit illegal control of mining sites or transport routes; prohibit illegal taxation or extortion during the extraction, transportation, trading, or export of bauxite, alumina, or aluminium.
G Governance	• Prohibit the offering, promising, giving, or soliciting of bribes, particularly the payment of bribes to public officials, in order to prevent any party from seeking improper benefits from the extraction, trading, transportation, and/or export of bauxite, alumina, or aluminium; • Both buyers and suppliers are required to sign an *Anti-Bribery Commitment*, and relevant employees must sign *Integrity and Self-Discipline Commitment Letters*; • Strictly prohibit any form of unfair competition.

Chuangxin Industries deeply integrates the concept of green procurement into its supplier selection process, embedding environmental requirements throughout the entire management cycle. At the access and guidance stage, the Company requires ISO 14001 Environmental Management System certification as a prerequisite for supplier admission, and incorporates "green bonus points" into bid evaluation. Suppliers that adopt renewable energy, apply low-carbon production processes, or provide product carbon footprint reports are given preferential consideration in allocation, thereby using order placement as a means to encourage their green transition.

At the execution and supervision level, the Company employs external third-party platforms for dynamic monitoring of supplier environmental performance, conducting regular ESG audits and on-site inspections. These focus on pollution control, hazardous waste disposal, and data authenticity. For identified environmental issues, the Company mandates rectification within specified timeframes and conducts follow-up verification, establishing a closed-loop management mechanism of "entry – evaluation – improvement – exit" to ensure the effective implementation of green supply chain requirements.

Chuangxin Industries strictly follows the *Chinese Due Diligence Guidelines for Responsible Mineral Supply Chains* and ASI Performance Standards, while also referencing the OECD *Due Diligence Guidance for Responsible Supply Chains of Minerals from Conflict-Affected and High-Risk Areas,* and has established a Mineral Supply Chain Due Diligence Committee led by the General Manager. The Company requires all suppliers to commit that the products they supply do not contain minerals sourced from conflict-affected and high-risk areas, and strictly prohibits the use of metal raw materials that directly or indirectly finance armed conflict, involve forced labor, or are associated with serious human rights abuses.

The Company implements dynamic risk assessments for overseas bauxite suppliers, utilising tools such as the Heidelberg Conflict Barometer, the Corruption Perceptions Index (CPI), and the Fragile States Index (FSI) to identify whether raw materials originate from conflict-affected and high-risk areas. We implement tiered management for identified supply chain risks, formulating differentiated risk mitigation strategies according to risk level. Specific measures, approved by the Supply Chain Due Diligence Committee, are issued for implementation in the form of a *Risk Mitigation Plan.* For suppliers presenting risks, the Company issues a *Risk Mitigation Action Tracking Form*, continuously monitoring their rectification progress and supporting documentation. If a supplier fail to effectively mitigate risks within the stipulated timeframe, or if the risk level exceeds the Company's acceptable threshold, we will terminate cooperation with that supplier. In 2025, Chuangxin Industries had completed responsible mineral sourcing due diligence for bauxite suppliers, achieving 100% overall compliance. The next step involves initiating on-site assessments based on risk evaluation outcomes to ensure supply chain compliance.

Shandong Chuangyuan Conducted Supplier Due Diligence

To effectively prevent supply chain risks and ensure material quality, Shandong Chuangyuan conducted a special due diligence review this year on suppliers of liquid caustic soda, a core production material. This due diligence was mainly conducted through assessment questionnaires, under which the Company comprehensively reviewed suppliers' performance in dimensions such as production operations, quality control, environmental protection, and human resources management. The assessment results showed that the surveyed suppliers generally performed well and met the Company's standards for "responsible suppliers." For the very few non-conformities identified during the review, such as quality fluctuations in certain batches and potential risks of employees working beyond statutory hour limits, the Company promptly issued rectification recommendations to the relevant parties, urged them to implement corrective actions, and worked collaboratively to enhance the overall responsibility performance of the supply chain.

Supplier Capacity Building

The Company has formulated a supplier communication and training plan for 2025-2026, aiming to comprehensively enhance partners' ESG management awareness and practical capabilities through a tiered and categorised empowerment system. In 2025, Chuangxin Industries will focus on "compliance fundamentals and risk prevention", assisting suppliers in establishing foundational ESG management systems to achieve a 20% year-on-year reduction in non-compliance incidents among high-risk suppliers.

Forms of Communication:

- Annual Supplier Sustainability Summit: Hosted annually, this event invites industry experts and core supplier representatives to share practical experiences, fostering an ESG exchange ecosystem within the supply chain.
- Establish an online supplier exchange community to disseminate policy updates, risk alerts, and best practices in real time, thereby enhancing daily collaboration efficiency.

Industry Co-development

Guided by the core principles of innovation-driven development, standards-based foundation, openness and co-development, and collaborative win-win cooperation, Chuangxin Industries regards participation in standard-setting and industry exchange as an important lever for promoting high-quality corporate development and empowering industry upgrading. Closely aligned with the aluminium industry's green, low-carbon, digital, and intelligent development direction, the Company has proactively integrated itself into the national agenda for the high-quality development of the aluminium industry.

The Company actively fulfils its social responsibilities and industry stewardship by deeply engaging in the development of industry associations at all levels. It plays a significant exemplary and driving role in leading regional industrial upgrading and advancing the standardisation process within the sector.

Name of Industry Association	Company' s Participation
Aluminium Branch of the China Nonferrous Metals Industry Association	CAO Yong, Chairman of Inner Mongolia Chuangyuan, serves as Vice Chairman
Holingol City High-Tech Aluminium-Based New Materials Industry Association	Inner Mongolia Chuangyuan as Core Member Unit/Co-organiser

As a participating drafting entity, Chuangxin Industries took part in the formulation of the group standard *Green Aluminium Carbon Footprint Evaluation Standard.* In this process, the Company contributed full-process carbon footprint data from its own green-power aluminium production practices, providing key enterprise-level practical support for the accounting methodologies and evaluation metric setting in the standard, and helping ensure that the standard is better aligned with the actual production scenarios of the aluminium industry.

Inner Mongolia Chuangyuan Participated in the 6th China Aluminium Industry High-Quality Development Conference

In August 2025, Inner Mongolia Chuangyuan represented local enterprises at the 6th China Aluminium Industry High-Quality Development Conference, successfully signing a 100,000-tonne annual high-end aluminium foil project and establishing collaborations with three green electricity suppliers. The Company actively engaged with upstream and downstream partners, proposing the "localisation of precision deep processing for aluminium-based new materials" initiative to enhance industrial value-added through supply chain extension. This participation not only accelerated the implementation of regional "green-power aluminium" production capacity but also advanced the industry's green transformation through project and technical exchanges, injecting robust momentum into Holingol's efforts to establish a hundred-billion-yuan green, low-carbon aluminium-based new materials industrial cluster.

Throughout 2025, the Company actively participated in high-level forums domestically and internationally, focusing exchanges on red mud resource utilisation, advanced aluminium-based material research and development, and integrated "wind-solar-storage-load" practices. Beyond industry summits, the Company deepened strategic collaboration with government bodies, academic institutions, and upstream/downstream partners through diverse initiatives including co-establishing joint laboratories, conducting on-site technical surveys, and delivering policy briefings. These actions effectively addressed critical process bottlenecks within the sector, enhancing the quality and efficiency of regional industrial clusters while comprehensively sharing its pioneering green development experience.

Briefing Session on the Statistical System for Inner Outbound Investment in Inner Mongolia Autonomous Region

On 28 February 2025, Inner Mongolia Chuangyuan attended a briefing session jointly organised by the Commerce Department of the Autonomous Region and Holingol Municipal Bureau of Commerce, aimed at standardising enterprises' outbound investment statistical reporting. Key personnel from the Company shared practical experience in cross-border investment accounting and proposed optimisation suggestions addressing challenges in aluminium industry data collection. This participation enabled the Company to achieve 100% accuracy in subsequent data reporting, effectively mitigating investment statistical risks and significantly enhancing its international operational management capabilities.

Signing Ceremony for Phase III of the Source-Grid-Load-Storage Integration Project and Achievements Release for Grid-Forming Energy StorageIndustry High-Quality Development Conference



In November 2025, under the guidance of the Energy Bureau of the Inner Mongolia Autonomous Region and the Tongliao Municipal Government, Inner Mongolia Chuangyuan successfully hosted the "Source-Grid-Load-Storage Integration" achievements release Conference. Collaborating with industry partners, the Company advanced the coordinated development of "wind, solar, storage and load", thereby supporting the region's green energy transition. As the project lead party, Inner Mongolia Chuangyuan actively advanced the implementation of the phase III of the source-grid-load-storage integration project. With cumulative energy storage capacity exceeding 1GWh, this project stands as a leading domestic demonstration case for grid-forming energy storage systems deployed on the consumer side. It provides crucial infrastructure support for high-energy-consumption enterprises to achieve large-scale green power consumption.

Shandong Chuangyuan Participated in Red Mud Comprehensive Utilisation Field Conference

In January 2025, Shandong Chuangyuan participated in the Red Mud Comprehensive Utilisation Field Conference hosted by the China Nonferrous Metals Industry Association under the guidance of the Ministry of Industry and Information Technology. Through on-site inspections of Shandong Aluminium Plant's red mud-based building materials, road construction materials, and photovoltaic power generation demonstration projects, the conference facilitated in-depth exchanges on advanced practices for large-scale, high-value-added red mud utilisation. This exchange provided technical insights for the Company to implement the national red mud utilisation action plan, supporting enterprises in exploring green development pathways for industrial solid waste resource recovery.

Shandong Chuangyuan Joined Hands with Shandong University of Technology to Break Through Technical Bottlenecks in Alumina De-sodiation

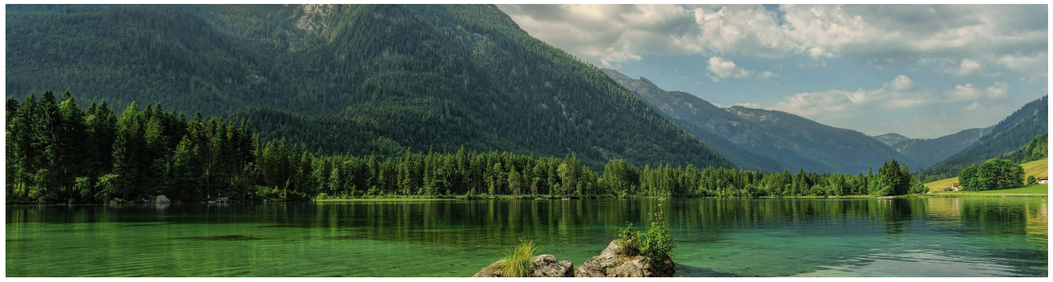
Since October 2025, Shandong Chuangyuan has been working closely with a professor-led team from Shandong University of Technology, focusing on the industry challenge of alumina desodiation and jointly developing a safe and environmentally friendly green production pathway. In response to the pain points of traditional acid-washing desodiation methods—such as "stringent equipment requirements, high acid-related risks, and susceptibility to corrosion"—the two parties have been committed to developing a new desodiation agent that is chemically mild, non-toxic, harmless, and non-corrosive. Through in-depth on-site discussions, both parties reached consensus on scaling up the new technology for production, controlling costs, and optimising performance. This collaboration closely integrates cutting-edge academic theory with production practice, laying a solid foundation for the engineering application and wider promotion of environmentally friendly desodiation technology.

Shandong Chuangyuan Delivered a Keynote Address at the National Alumina Powder Forum

In April 2025, Shandong Chuangyuan delivered a keynote address at the National Alumina Powder Forum held in Zhengzhou, showcasing its independently developed Low-α spherical alumina with a radioactivity level below 0.02 Bq/g. This breakthrough effectively addressed technical bottlenecks in thermal management for high-computing-power chip packaging. Concurrently, the Company shared its high-temperature alumina fibre production process, capable of withstanding extreme environments up to 1500° C, thereby advancing the domestic production of aerospace materials. Leveraging its core technological strengths, the Company has entered into joint development agreements with relevant enterprises to collectively expand into high-end application markets.

Connecting and Contributing to the Community

Chuangxin Industries consistently upholds its corporate responsibility of "benefiting all when achieving success," deeply integrating into community development where its operations are based. The Company has established a three-tier community communication and public welfare management structure consisting of the "Board ESG Committee, Senior Management, and the Administration and Human Resources Department". Through proactive community engagement and diversified public welfare initiatives, the Company strives to build harmonious, mutually beneficial, and sustainable relationships between the enterprise and the communities it serves.



Community Communication

Chuangxin Industries strictly complies with the *Law of the People's Republic of China on Regional Ethnic Autonomy* and other laws and regulations in its operating locations concerning the protection of ethnic minority rights. Adhering to the principle of "Free, Prior and Informed Consent (FPIC)", the Company has formulated and implemented the *Indigenous Peoples Protection Procedure*, the *Management Procedure for the Protection of Cultural Sites and Religious Sacred Places*, and the *Resettlement Action Plan*, so as to fully safeguard the legitimate rights and interests of local residents. As of the end of the reporting period, the Company recorded zero incidents involving violations of indigenous people's rights.

The Company has established comprehensive mechanisms for community communication and cultural preservation. Communication channels employ a dual-track approach combining "online and offline" methods. Offline, dedicated personnel liaise with neighbouring subdistrict offices, community committees, and resident representatives. Regular corporate-community forums are convened, alongside community open days inviting residents to visit production sites and observe environmental processes and safety controls firsthand. Online, we leverage community WeChat groups and corporate official accounts to build rapid-response platforms, promptly disseminating corporate updates, environmental compliance data, and community service information. Regarding communication content, the Company focuses on core concerns by proactively reporting on production operations, environmental governance, and safety management. We publicly disclose pollutant discharge and energy-saving consumption data to transparently address resident apprehensions. We actively listen to community feedback, soliciting opinions on issues such as noise control, road access, and employment support to precisely address practical challenges. Simultaneously, we promote enterprise-community co-construction initiatives -including community welfare programmes, skills training support, and joint cultural events-to foster synergy and advance mutual prosperity and coordinated development between the Company and the community.

Chuangxin Industries has established a grievance mechanism tailored for local residents, with particular safeguards for ethnic minority groups. It pledges strict confidentiality for all complaints and prohibits any form of retaliation. All concerns will be addressed through transparent, equal consultations facilitated by dedicated personnel from the Administration and Human Resources Department in collaboration with local representatives, ensuring the lawful rights and interests of indigenous communities are effectively protected.

We adhere to the principle of "fostering neighbourly coexistence and resolving disputes pragmatically" in managing community conflicts. The Company implements a rapid response mechanism, leveraging a joint administrative and trade union task force to engage conflict parties within 24 hours. This ensures comprehensive investigation of root causes and proper documentation. For complex issues, dedicated working groups are established to convene multi-stakeholder consultations with neighbourhood committees and subdistrict offices, facilitating the implementation of solutions. We guarantee openness and transparency throughout the process, promptly updating the community on progress and proactively accepting supervision. Concurrently, the Company maintains a follow-up and review mechanism to identify core issues and refine preventive measures, striving to reduce conflicts at their source.

Community Contribution

Chuangxin Industries regards social contribution as an intrinsic imperative for its development, having published the *Corporate Guidelines for Community Public Welfare Engagement*, under which the Board of Directors reviews and determines the Company's core areas of contribution. Through financial donations, material support, and volunteer services, the Company prioritises rural revitalisation, education, and public infrastructure, continuously enhancing residents' sense of fulfilment and well-being.

In 2025, Chuangxin Industries' total philanthropic funding reached 2.0085 million RMB. The Company established a volunteer team comprising 235 employees, with cumulative volunteer service time exceeding 1,880 hours, providing assistance to 43 individuals.

Some of the Company's donations and public welfare activities in 2025 included:

- Sponsored the Holingol Education Foundation with 1 million RMB;
- Sponsored the Wudi County Education Special Fund of the Shandong Education Foundation with 1 million RMB;
- Donated 8,500 RMB as start-up funding for the Herimute Fitness Dance Team;
- Donated 50 sets of dining tables and chairs to Barinzhelimu Central School in Horqin Right Middle Banner;
- Donated 120 sets of dining tables and chairs for various neighbourhood communities in various subdistricts of Holingol.

Chuangxin Industries donated 1 million RMB to the Holingol Education Development Foundation



In November 2025, the Company donated 1 million RMB in educational public welfare funds to the Holingol Education Foundation, demonstrating tangible support for optimising local educational resource allocation and enhancing teaching quality. The Company organised 15 volunteers to deliver 30 cumulative hours of specialised liaison services, ensuring the donated funds were precisely directed towards teacher training, enhancing teaching research capabilities, and rewarding outstanding teachers and students. Through comprehensive donation management and volunteer services, the Company assisted the local education system in further refining talent incentive and cultivation mechanisms. This elevated the initiative from "supporting disadvantaged students" to "empowering teaching research", providing robust momentum for the steady development of regional education.

Inner Mongolia Chuangyuan has conducted voluntary blood donation activities for consecutive years



In October 2025, Inner Mongolia Chuangyuan further strengthened its philanthropic mechanism of "leadership taking the lead, Party members demonstration, and employees participation" by organising the "Passionate Blood, Warm Northern Frontier" voluntary blood donation drive. For consecutive years, the Company has utilised blood donation as a vehicle for fulfilling its responsibilities, effectively alleviating local medical institutions' blood supply demands while strengthening mutual development between the Company and the community. A total of 71 employees participated in this event.

Rigorous Protection of Information and Privacy

Information Security Management

The Company places high importance on information security and privacy protection, adhering to laws and regulations including the *Cybersecurity Law of the People's Republic of China*, the *Data Security Law of the People's Republic of China*, and the *Personal Information Protection Law of the People's Republic of China*. The Company has established the *Information System Security Management System, Cybersecurity Management System, and Production and Operation Data Security Management Measures*. The Company commits to continuously improving its information security systems to ensure data integrity and security, maintaining vigilance against and responding to information security threats, clarifying employees' responsibilities for information security protection, and standardising information security requirements for suppliers. During the reporting period, no incidents of data security breaches or customer privacy leaks occurred.

Chuangxin Industries has established a three-tiered information security management architecture comprising the "Decision-making Level – Coordination and Execution Level – Operational Level", achieving security and controllability throughout the entire lifecycle of production and operation data.

Decision-making Level – Board ESG Committee	Responsible for reviewing information security management strategies and plans, approving major systems and resource allocations, and overseeing significant risk controls.
Coordination and Execution Level – Data Security Management Committee	Chaired by the General Manager, responsible for finalising data security management systems and standards, coordinating solutions to major data security issues, overseeing system implementation, and organising accountability measures.
Operational Level – Information Network Team	Serving as the technical core, responsible for IT infrastructure security protection, routine inspections and operations, implementing data encryption and access controls, conducting regular information security risk assessments, and coordinating emergency response and incident handling. Business Departments: by appointing departmental data security officers, standardising data collection and usage practices, implementing graded protection requirements, and promptly reporting data security anomalies.

The Company has attained Level 2 certification under the Cybersecurity Graded Protection Scheme, establishing a comprehensive information security defence system.

At the data storage level, 100% of the Company's core data is stored locally, effectively mitigating cloud-based data leakage risks.

At the technical protection level, the Company deploys firewalls and has established a unified identity authentication system centred on domain control (Active Directory). All office terminals undergo mandatory domain joining management and unified security baseline configuration. Furthermore, through endpoint management software, we implement permission controls for external devices such as USB drives, constructing multi-layered protection from network access to endpoint behaviour.

Regarding risk identification and assessment, the Company regularly conducts information security vulnerability analyses and penetration tests to proactively identify and remediate system weaknesses. Concurrently, annual internal audits of the IT infrastructure and information security management system are organised to ensure effective implementation of controls and compliance with established procedures.

Regarding data security and business continuity, the Company implements data isolation adhering to the principle of "least privilege" and performs regular backups of all critical business data. To guarantee emergency response capability, monthly backup and recovery drills are conducted, safeguarding the ability to rapidly restore business operations in the event of an incident. This comprehensively reinfoces the stability and security defences of the Company's information systems.

Customer Privacy Protection

Chuangxin Industries strictly adheres to national laws and regulations, having established the *Marketing Department Customer Privacy Protection Management Guidelines*. Guided by the principles of "lawful compliance, necessity minimisation, transparent disclosure, alignment of rights and responsibilities, and security assurance," these guidelines standardise the full lifecycle management requirements for customer data collection, storage, access, use, and sharing. The Company maintains a systematic compliance management framework, conducts regular specialised privacy protection training, and strictly prohibits all staff from disclosing customer information. The Company annually conducts information security and privacy protection awareness promotion and basic skills training for all employees. At least one full-scale practical drill is organised annually to continuously fortify information security defences. The Company encourages employees to promptly report any information security vulnerabilities or suspicious activities discovered during routine operations to the Information Network Team. The team will immediately verify the situation, assess the risk level, and implement appropriate measures such as isolation, remediation, reporting, or activation of emergency response plans as required. During the reporting period, no instances of customer privacy breaches occurred within the Company.

04

Jointly Forging Excellence in Governance

Chuangxin Industries consistently upholds high standards of corporate governance, diligently safeguarding shareholder interests while continuously enhancing corporate value and responsibility. We establish our governance framework through compliance, continually strengthening risk management and internal controls. Maintaining open dialogue with shareholders and investors, we adhere to ethical business principles to create responsible long-term value for stakeholders and society.



Pressing Ahead with Good Corporate Governance

Corporate Governance Outline

The Company strictly complies with the requirements of relevant laws and regulations, including the Company *Law of the People's Republic of China*, the *Companies Act of the Cayman Islands*, the *Listing Rules* and the *Corporate Governance Code* of the Hong Kong Stock Exchange. We have established a good corporate governance structure and are committed to achieving high standards of corporate governance. The Company and its directors recognise the importance of safeguarding the rights and interests of all shareholders, including minority shareholders. We have established the *Corporate Governance Code* as our internal governance standard and strictly adhere to all applicable provisions.

The Company has formed a decision-making, supervisory and operational system centred on the Shareholders' General Meeting, the Board of Directors and Senior Management, ensuring standardised operations. To guarantee the Board's efficient performance of its duties, we conduct annual independence reviews of independent directors, ensure all directors participate in continuous professional development, and adopt good corporate governance standards to avoid potential conflicts of interest between the Company and its controlling shareholders.

Concurrently, the Company diligently fulfils its disclosure obligations in a timely manner, continuously enhancing institutional frameworks for disclosure standards. Through robust transparency and proactive engagement, we strengthen investor relations management. More information regarding the Company's corporate governance is detailed in the Corporate Governance Report within the *2025 Annual Report*.

Board of Directors and Committees

The Board of Directors is responsible for and holds overall decision-making authority over the management and operations of the Group's business, including formulating business strategies and investment plans, and implementing relevant programmes. To oversee specific corporate matters, the Board has established five specialised committees: the Audit Committee, the Remuneration Committee, the Nomination Committee, the Connected Transactions Control Committee, and the Environmental, Social and Governance Committee. These committees assist the Board in corporate governance, reporting regularly to the Board and providing professional advice to support scientific decision-making. The Remuneration Committee comprises solely independent directors, while the Audit Committee, Nomination Committee, and Connected Transactions Control Committee are chaired by independent directors.

Audit Committee	Primarily responsible for reviewing and overseeing financial reporting procedures and internal control systems to ensure transparency and compliance in the Company's financial affairs.
Nomination Committee	Primarily responsible for making recommendations to the Board regarding director appointments and succession, and reviewing the Board's diversity policy.
Remuneration Committee	Primarily responsible for formulating and reviewing the remuneration policy and structure for all directors and senior management, ensuring remuneration is linked to business performance.
Connected Transactions Control Committee	Responsible for regularly monitoring the Company's ongoing connected transactions to ensure they are conducted on normal commercial terms and in the interests of shareholders as a whole.
Environmental, Social and Governance Committee	Responsible for conducting research and making recommendations on the Company's long-term ESG-related development strategies, risks and major decisions, guiding the formulation of ESG strategies and overseeing ESG management matters.

Members of the Board of Directors

Name	Position	Gender	Committee				
			Audit Committee	Nomination Committee	Remuneration Committee	Connected Transactions Control Committe	Environmental, Social and Governance Committee[15]
CUI Lixin	Chairman and Non-executive Director	Male	✓	✓			
CAO Yong	Executive Director and General Manager	Male					✓
ZHANG Jianxiang	Executive Director, Deputy General Manager and Joint Company Secretar	Male				✓	✓
ZHANG Yue	Executive Director and Chief Financial Officer	Female					
FU Qian	Executive Director and Chief Administrative Officer	Male					
LIU Yanzhao	Independent Non-executive Director	Male	✓		✓	✓	
ZHENG Juan	Independent Non-executive Director	Female		✓	✓	✓	
SHEN Lingyan	Independent Non-executive Director	Female	✓	✓	✓		✓

The Company was listed on the Stock Exchange of Hong Kong Limited (HKEX) on 24 November 2025. As of 31 December 2025, no board meetings had been held owing to the short period since the listing date. Following the listing, the Company adopted the practice of holding board meetings at least four times annually to discuss the Group's overall strategy, operations and financial performance.

The Board has delegated the authority and responsibility for the day-to-day management of the Group to the senior management and regularly reviews the delegated functions and responsibilities.

Board Diversity

We regard enhancing diversity at the Board level as a crucial foundation for maintaining the Company's competitive edge, valuing its capacity to attract, retain and motivate talent from the broadest available pool. To this end, the Company has adopted a Board Diversity Policy. Pursuant to this policy, the Board, through its Nomination Committee, shall periodically review the Board's structure, size and composition and make relevant recommendations. In reviewing and evaluating director candidates, the Company and the Nomination Committee are committed to achieving diversity at all levels, considering factors including but not limited to gender, age, cultural and educational background, professional qualifications, skills, knowledge, and industry and regional experience. The Company is committed to maintaining an appropriate balance of diversity in skills, experience and perspectives of the Board, which is closely aligned with the Company's business development.

Gender Diversity

As of the reporting period, the Board comprises three female directors and five male directors, with female directors representing 37.5% of the Board. The Board will allocate additional resources to train female employees with long-term relevant experience in the Group's operations, with the objective of promoting them for senior management or directorship positions within the Group. We shall continue to optimise gender diversity at the Board level in a reasonable manner, adhering to the principle of merit-based appointments in accordance with the Company's diversity policy. The Board will also take into account investor expectations alongside international and local best practices.

Female Directors **37.5%**

Experience Diversity

The Board members possess a balanced portfolio of knowledge and skills, encompassing but not limited to the metals and energy sectors, corporate governance, financial accounting and auditing, and the legal profession. This provides robust professional support for the Board's scientific decision-making.

15. The Environmental, Social and Governance Committee also includes a non-director senior management.

Continuous Enhancement of Risk Control

Risk Management and Internal Control

To ensure steady and sustainable development, the Company strictly adheres to relevant laws and regulations, establishing internal risk management systems tailored to its corporate risk management characteristics. The Company's risk management process primarily encompasses: risk identification, risk assessment, risk management and response, as well as risk monitoring and improvement. To this end, the Company has implemented a set of internal control and risk management procedures to address various potential operational, financial, legal, and market risks associated with its operations.

The Board of Directors

The Board of Directors is responsible for maintaining sound and effective internal control and risk management systems to safeguard the Company's assets and shareholders' interests. The Board of Directors is also responsible for annually reviewing the effectiveness of these systems.

The Internal Audit Department

The Internal Audit Department reviews the adequacy and effectiveness of risk management and internal control systems within key business processes.

During the reporting period, internal audit did not identify any risks that materially impacted the internal control system. The Board of Directors has reviewed the effectiveness of the Group's internal control system and considers it to be effective and adequate. The review covered all significant controls, including financial, operational and compliance controls, as well as risk management.

To fully support the implementation and operation of the risk management system, the Company has focused on formulating and continuously implementing inside information management and anti-fraud whistleblowing systems, thereby strengthening the enterprise's risk defenses.

Inside Information Management Policy

The Company strictly adheres to regulatory requirements, establishing guidelines and procedures for directors and senior management regarding the handling and disclosure of inside information to ensure its equitable and timely release to the public. Senior management briefings are held regularly to enhance compliance awareness and conduct.

Anti-Fraud and Whistleblowing Policy

The Company has established a comprehensive anti-fraud system, accepting reports via channels such as whistleblowing email addresses, which may be submitted either anonymously or under a real name. The Internal Audit Department is responsible for investigating and verifying significant misconduct and submitting regular investigation reports to the Audit Committee.



To form a closed-loop risk management system, the Company's subsidiaries have implemented a risk management mechanism encompassing "decision-making, execution, supervision, and long-term optimisation".

Risk Management Mechanism

01 **Legal and Regulatory Standards Scanning:** Departments, based on their functional responsibilities, collect multi-dimensional requirements covering international conventions, national legal standards, and local regulations, with compliance officers dynamically coordinating these efforts. At the start of each year, the effectiveness, applicability, and implementation of regulations are evaluated through management reviews.

02 **Risk Identification and Plan Formulation:** Led by the Administration and Human Resources Department or the Corporate Management Department, issues are identified in core business areas such as procurement and sales. A dedicated rectification task force is established to formulate corrective action plans.

03 **Implementation Process Control:** Responsible departments advance specific tasks through targeted rectification, risk and compliance training, policy revisions, and oversight mechanism establishment to enhance daily internal controls and risk assessment measures. The Company implements monthly online coordination meetings where departments report progress, enforcing "milestone tracking and delay alerts".

04 **Supervision and Closed-Loop Management:** The Audit Department, Finance Department, Legal Department, and other relevant departments jointly inspect implementation, conduct routine oversight, regularly screen for abnormal behaviours in key positions, facilitate reporting channels, and perform closed-loop verification of reported leads. Departments or individuals failing to complete rectifications by the deadlines are held accountable in accordance with regulations.

Furthermore, the Company has integrated ESG management risks, including climate change risks, into its overall risk management framework. The Board of Directors assesses and decides on major ESG risk matters; the Board's ESG Committee regularly reviews ESG-related risks and impacts, along with corresponding risk response plans.

Effectively Safeguarding Shareholders' Rights

Protection of Shareholders' Rights

Chuangxin Industries places great emphasis on safeguarding the lawful rights and interests of shareholders and investors, and has established compliant and transparent governance mechanisms for such purpose. To protect shareholders' interests and rights, the Company shall table separate resolutions on each matter at the General Meeting of Shareholders. All resolutions tabled at the General Meeting of Shareholders shall be voted on in accordance with the *Listing Rules* of the Hong Kong Stock Exchange. Voting results shall be promptly published on the Stock Exchange and the Company's website following each General Meeting of Shareholders.

Convening Extraordinary General Meetings of Shareholders and Proposing Resolutions: Pursuant to the Articles of Association, the Board may convene Extraordinary General Meetings of Shareholders as appropriate. General Meetings may also be convened upon written request by qualifying shareholders, with resolutions added to the agenda.

Submitting Queries to the Board: Shareholders may submit queries to the Board and make proposals at General Meetings of Shareholders. Shareholders may also submit written queries at any time by post or email to the Company's head office.

Shareholder and Investor Communication

The Company regards transparent communication mechanisms as a core measure to safeguard shareholders' and investors' rights to information and participation. This aims to ensure all investors equally and clearly understand the Company's business performance and strategic direction through timely disclosure and multi-dimensional interactive channels.

The Company is committed to maintaining regular communication with shareholders, establishing a direct dialogue platform between the Board and investors, particularly during key events such as the Annual General Meeting of Shareholders and other General Meetings of Shareholders. At these gatherings, the Company's directors and auditors will attend to address shareholders' concerns and questions regarding operational performance, the execution of audit work, the preparation and content of the audit report, accounting policies, and auditor independence.

The Company diligently fulfils its disclosure obligations in a timely manner, continuously enhancing its disclosure systems to strengthen investor relations management through transparency and proactivity. To improve communication effectiveness, the Company has adopted a shareholders communication policy and publishes the latest information on its business operations and development, financial data, corporate governance practices, and other materials via its official website. During the reporting period, the Company reviewed the implementation and effectiveness of its shareholders communication policy and concluded that it effectively maintains communication with shareholders. In its day-to-day operations, the Company actively fosters open and two-way cooperation through various means, including hosting investor visits and facilitating factory site inspections.



Upholding Business Ethics

Business Ethics Management

We advocate a corporate culture of integrity, honesty and probity, and strictly comply with laws, regulations and international conventions including the *Company Law of the People's Republic of China*, the *Anti-Unfair Competition Law of the People's Republic of China*, the *Anti-Monopoly Law of the People's Republic of China*, the *Anti-Money Laundering Law of the People's Republic of China*, and the *United Nations Convention Against Corruption*. We have implemented a series of internal policies and systems, including but not limited to the *Code of Business Ethics*, *Code of Ethical Conduct Control Procedure*, *Anti-Money Laundering Management Measures*, *Anti-Fraud and Whistleblowing System*, *Anti-Bribery and Anti-Corruption Management Control Procedures*, *Management Control Procedures for Prohibiting the Acceptance of Bribes or the Use of Other Means to Obtain Improper Benefits*, and *Gift Management Standards*. These provide clear guidance and standardisation for processes such as the prevention, reporting, investigation, and disciplinary action of business ethics issues. Through the *Code of Business Ethics* and *Code of Ethical Conduct Control Procedure*, the Company clearly sets forth its commitment to conducting business in accordance with the principles of fairness and ethics. We uphold standards of non-discrimination, fair dealing, appropriate advertising, and fair competition; maintain all business relationships on the basis of integrity and loyalty; and avoid conflicts of interest and unauthorised disclosure of confidential information. The Company requires all employees, suppliers, and stakeholders to comply with the highest standards of business conduct as stipulated in its policies and guidelines. During the reporting period, the Company did not experience any illegal or non-compliant activities with significant impact, such as corruption, money laundering, conflicts of interest, insider trading, bribery, extortion, or fraud. The Company also had no pending or concluded litigation cases relating to corruption.

- Illegal or Non-Compliant Activities with Significant Impact on the Company, Including Corruption, Money Laundering, Conflicts of Interest, Insider Trading, Bribery, Extortion, and Fraud: **0**
- Pending or Concluded Litigation Cases Relating to Corruption: **0**

Integrity Development for All Staff

The Company maintains a "zero-tolerance" stance towards corruption, strictly prohibiting all forms of bribery, facilitation payments, asset misappropriation, and the exploitation of official positions for improper gain. The Company continuously strengthens its anti-corruption and anti-monopoly management systems, placing them at the core of its operations. The Board serves as the highest management and oversight body for business ethics and has authorised relevant senior management to supervise its day-to-day implementation and has established a dedicated department to investigate violations, consolidate investigation results and formulate countermeasures.

In terms of management mechanisms, the Company's Compliance Officer is responsible for approving matters falling outside our internal procedures and guidelines, while the Finance Department reviews and authorises any significant expenditures. Management regularly monitors third-party payments during internal audits to identify instances of non-compliance. Regarding process oversight, the Company implements rigorous expense reimbursement and fund management protocols through its financial management system. These are complemented by regular fraud-focused inspections conducted by auditors to ensure early detection and rectification of deviations from ethical standards or established procedures.

In daily operations, the Company implements closed-loop management of business ethics issues, encompassing prevention at source and process oversight. Subsidiary managers utilise the *Corruption Risk Identification Form* to pinpoint high-risk areas. The Company adopts an integrity pledge mechanism, making adherence to integrity discipline a core criterion for personnel assessment and appointment. All employees sign the *Integrity and Self-Discipline Pledge* and maintain personal integrity records. Through dynamic monitoring and authentic documentation, we conduct continuous integrity oversight of staff, providing timely alerts and addressing nascent business ethics issues. Within subsidiaries, the Integrity and Oversight Committee serves as the core enforcement body, conducting end-to-end supervision of high-risk domains and critical positions while submitting regular oversight reports to management. For key positions, the Company has established tailored integrity management standards and mechanisms for relevant departments. For instance, quality inspection positions implement strict job rotation and dual-review systems to ensure testing credibility; procurement roles enforce a declaration system for relatives' employment, alongside "transparent bidding" and traceable record-keeping to prevent conflicts of interest.

To reinforce integrity awareness at the ideological level, the Company employs a combination of comprehensive and targeted integrity training programmes. Every year we conduct specialised training for directors and all management cadres to reinforce exemplary conduct and we introduce external training resources as appropriate. For instance, in 2025, all Board members completed the training module led by our Hong Kong legal counsel on managing conflicts of interest and upholding anti-fraud, anti-bribery, and anti-corruption standards. Departments with critical positions conduct monthly benchmarking self-training tailored to their operational risk points, achieving deep integration of risk early warning and practical implementation. New recruits receive integrity policy and whistleblowing channel briefings from Human Resources Department, ensuring compliance awareness is established from the onboarding stage. All employees undergo monthly routine training delivered by respective departments, with Human Resources Department verifying training effectiveness through questioning and examinations. In 2025, the Company conducted five specialised integrity training sessions covering regulatory explanations, case analyses, and cautionary educational films, with a total attendance of 778. The coverage rate for regular integrity training reached 100% of employees. Additionally, the Company utilised platforms such as notice boards and electronic displays to routinely disseminate integrity-related content, strengthening guidance on employees' conduct outside working hours.

Conducted **5** specialised integrity training sessions
3,983 employees participated in integrity training, achieving **100%** employee coverage
100% of current employees have signed the *Integrity and Self-Discipline Pledge*

Inner Mongolia Chuangyuan's Integrity Warning Training for Key Positions

In September 2025, Inner Mongolia Chuangyuan conducted integrity warning training for 166 core personnel across procurement, sales, finance and other roles, achieving full coverage of key positions. The training employed a combined approach of "legal interpretation, policy dissemination, integrity education, and case analysis." It interpreted regulations like the *Anti-Unfair Competition Law*, focusing on red lines in high-risk areas. The warning film *Resignation is Not the End, Accountability Knows No Time Limit* vividly depicted the consequences of corruption, while risk points were identified based on specific positions. Following the training, the Administration and Human Resources Department conducted batch integrity interviews to ensure implementation of compliance standards. This training reinforced employees' legal awareness, clarified definitions of commercial bribery and fraud, and significantly elevated risk prevention capabilities in core positions, and thus provided a guarantee for establishing a long-term integrity and compliance mechanism from an ideological perspective.



Integrity Development for Partners

Chuangxin Industries extends its anti-corruption and anti-bribery efforts beyond employees to our partners, jointly fortifying integrity defences.

For third-party intermediaries and agents, we strictly prohibit them from making improper payments or offering gifts on behalf of the Company to any entity or individual.

For suppliers, we adhere to principles of transparency and fairness alongside collaborative management mechanisms. We incorporate clauses on business ethics into supplier contracts and require the signing of the *Integrity Agreement for Tendering and Commercial Operations* to establish integrity principles at the cooperation entry stage. Throughout the cooperation process, we incorporate suppliers' integrity and compliance performance into our partnership evaluation system through a joint constraint mechanism. Should bribery, fraud, or similar misconduct be detected, cooperation will be suspended or terminated, establishing a veto system where "non-compliance leads to disqualification". Finally, we have established open and diverse oversight channels, encouraging suppliers to report integrity issues within the procurement process. We promptly investigate and address reported leads while strictly protecting the rights of whistleblowers.

Anti-Corruption Reporting Mechanism

In accordance with the Company's *Anti-Fraud, Anti-Bribery, and Anti-Corruption Reporting and Whistleblower Protection System*, we have established dedicated reporting hotlines (including mobile and landline numbers) and email addresses. These contact details are prominently displayed throughout the Company's premises and published on electronic channels such as its websites. Furthermore, during anti-corruption training sessions at all levels, we instruct all employees on how to utilise these reporting channels. The Corporate Management Department operates the reporting channels. Information received by the department is relayed to the Audit Department, which initiates investigations into specific matters immediately upon receiving reports. Where necessary, we engage third-party professional agencies to participate in investigations. In accordance with our standardised complaint and grievance handling mechanism, reports are reviewed and accepted within one working day of receipt. An investigation team is then formed in accordance with the recusal policy for relatives and parties with potential conflicts of interest. Depending on the case complexity, a team of two investigators conducts on-site interviews and visits.

To safeguard the confidentiality of reported information and protect whistleblowers' personal and employment rights, we have established stringent whistleblower protection mechanisms. Unless consent is obtained from the whistleblower, we strictly protect their information in accordance with the *Complaints and Grievances Management Procedure*. All personnel involved in the investigation must strictly uphold confidentiality obligations throughout the process. Should the final investigation findings support the complaint, the established facts and disciplinary outcomes shall be publicly disclosed. Should the findings not support the complaint, the complainant shall receive closed-loop feedback either directly via the contact details provided or through a formal announcement. Furthermore, the Company supports anonymous reporting, eliminating potential concerns for whistleblowers at an institutional level and encouraging all personnel to actively participate in integrity supervision.

Appendix

Environmental Key Performance Metrics

Key Performance Metrics	Unit	2024	2025
A1: Emissions			
Air Emissions			
Total air emissions	tonne	3,961.57	3,464.42
Air emission intensity	tonne per million RMB of revenue	0.26	0.19
Total sulphur dioxide emissions	tonne	2,203.87	1,821.59
Sulphur dioxide emission intensity	tonne per million RMB of revenue	0.15	0.10
Total nitrogen oxide emissions	tonne	1,606.24	1,483.79
Nitrogen oxide emission intensity	tonne per million RMB of revenue	0.11	0.08
Particulate matter emissions	tonne	143.97	156.23
Particulate matter emission intensity	tonne per million RMB of revenue	0.01	0.01
Total fluoride emissions	tonne	3.76	2.80
Fluoride emission intensity	tonne per million RMB of revenue	0.00025	0.00015
Volatile organic compound emissions (VOCs)	tonne	0.00	0.00
Volatile organic compound emission intensity (VOCs)	tonne per million RMB of revenue	0.00	0.00
Wastewater			
Total industrial wastewater discharge	cubic metre	0.00	0.00
Industrial wastewater discharge intensity	cubic metre per million RMB of revenue	0.00	0.00
Ammonia nitrogen	tonne	0.00	0.00
Ammonia nitrogen emission intensity	tonne per million RMB of revenue	0.00	0.00
Total nitrogen	tonne	0.00	0.00
Nitrogen emission intensity	tonne per million RMB of revenue	0.00	0.00
Total phosphorus	tonne	0.00	0.00
Phosphorus emission intensity	tonne per million RMB of revenue	0.00	0.00
Chemical oxygen demand	tonne	0.00	0.00
Chemical oxygen demand emission intensity	tonne per million RMB of revenue	0.00	0.00
Waste			
Total hazardous waste generated	tonne	35,226.87	39,706.65
Hazardous waste generation intensity	tonne per million RMB of revenue	2.32	2.13
Total hazardous waste comprehensively utilised	tonne	37,258.01	32,385.40
Total hazardous waste disposed	tonne	0.23	5,993.03
Total non-hazardous industrial waste generated	tonne	4,287,698.70	6,158,827.71
Non-hazardous industrial waste generation intensity	tonne per million RMB of revenue	282.77	329.69
Total non-hazardous industrial waste comprehensively utilised	tonne	441,466.40	1,413,824.21
Total non-hazardous industrial waste disposed	tonne	1,359,831.91	465,278.80
Comprehensive utilisation rate of non-hazardous industrial waste	%	0.10	0.23
Total waste recycled and reused	tonne	478,724.41	1,446,209.61
Total waste disposed	tonne	1,359,832.14	471,271.83
Waste recycled and reused per million RMB revenue	tonne per million RMB of revenue	31.57	77.42
Proportion of waste recycled and reused	%	0.11	0.23
Red mud generation	tonne	2,490,496.00	3,271,686.00
Red mud comprehensively utilised	tonne	0.00	292,257.87

Key Performance Metrics	Unit	2024	2025
A2: Use of Resources			
Energy			
Total energy consumption	tonne of coal equivalent	5,726,627.62	5,581,113.35
Energy consumption intensity	kg of coal equivalent per million RMB of revenue	377,666.17	298,758.81
Total direct energy consumption	tonne of coal equivalent	5,532,149.28	5,387,271.15
Petrol	tonne	81.29	103.27
Diesel	tonne	1,997.21	1,975.03
Natural gas	cubic metre	28,293,522.00	3,608,612.68
Liquefied petroleum gas	tonne	17.73	16.52
Acetylene	tonne	27.98	25.05
Propane	tonne	-	-
Self-generated photovoltaic power	MWh	422.40	66,681.67
Self-generated wind power	MWh	-	698,038.33
Total indirect energy consumption	tonne of coal equivalent	194,478.34	193,842.20
Purchased electricity	kWh	1,566,656,334.60	1,493,128,774.35
Purchased steam	GJ	56,749.01	302,950.65
Water Resource			
Total water withdrawal [16]	tonne	7,474,581.60	9,886,738.00
Total water consumption	tonne	7,474,581.60	9,886,738.00
Water consumption intensity	tonne per million RMB of revenue	492.94	529.24
Packaging			
Total packaging materials used	tonne	1,618.96	2,294.47
Total weight of polyester fibre packaging bags	tonne	1,567.29	2,172.19
Polyester fibre packaging bags used per unit of production	kg per tonne of alumina	1.02	0.83
Total weight of steel strapping	tonne	51.67	122.28
Steel strapping used per unit of production	kg per tonne of aluminium ingots	2.55	2.24

16.This refers to the water consumption and total net freshwater consumption of all the Company's operating sites located in water-stressed areas. Based on the World Wide Fund for Nature (WWF) Biodiversity Risk Filter, the Company has two production plants located in water-stressed areas, accounting for 100% of such plants, all of which have been reported under this metric.

Key Performance Metrics		Unit	2024	2025
D: Climate Change				
Total greenhouse gas emissions (Scope 1 and Scope 2)		million tonne of CO_2 equivalent	12.62	12.36
Direct greenhouse gas emissions (Scope 1)		million tonne of CO_2 equivalent	11.74	11.90
Indirect greenhouse gas emissions (Scope 2) (location-based)		million tonne of CO_2 equivalent	1.01	0.99
Indirect greenhouse gas emissions (Scope 2) (market-based)		million tonne of CO_2 equivalent	0.88	0.46
Other indirect greenhouse gas emissions (Scope 3)		million tonne of CO_2 equivalent	22.00	24.16
Scope 3 Greenhouse gas emissions by category	Category 1: Purchased goods and services	tonne of CO_2 equivalent	1,428,364.66	2,502,609.10
	Category 2: Capital goods	tonne of CO_2 equivalent	243,619.04	215,177.02
	Category 3: Fuel- and energy-related activities	tonne of CO_2 equivalent	3,106,874.68	3,147,174.07
	Category 4: Transportation	tonne of CO_2 equivalent	3,290,673.99	4,717,666.17
	Category 5: Waste disposal	tonne of CO_2 equivalent	783,397.28	657,097.89
	Category 6: Business travel	tonne of CO_2 equivalent	121.88	230.90
	Category 7: Employee commuting	tonne of CO_2 equivalent	1,480.85	1,814.98
	Category 9: Downstream transportation	tonne of CO_2 equivalent	195,488.89	200,299.14
	Category 10: Downstream processing of sold products	tonne of CO_2 equivalent	12,946,099.65	12,714,286.22
	Category 12: End-of-life treatment of sold products	tonne of CO_2 equivalent	6,177.11	6,109.76
Total greenhouse gas emissions per million RMB revenue (Scope 1)		tonne of CO_2 equivalent per million RMB of revenue	774.06	636.84
Total greenhouse gas emissions per million RMB revenue (Scope 2)		tonne of CO_2 equivalent per million RMB of revenue	57.95	24.82
Total greenhouse gas emissions per million RMB revenue (Scope 1 and Scope 2)		tonne of CO_2 equivalent per million RMB of revenue	832.00	661.66

Key Performance Metrics	Unit	2024	2025
Other indirect greenhouse gas emissions per million RMB revenue (Scope 3)	tonne of CO_2 equivalent per million RMB of revenue	1,451.03	1,293.42
Total greenhouse gas emissions per unit of energy consumption (Scope 1 and Scope 2)	tonne of CO_2 equivalent per tonne of standard coal	1.89	1.82
Greenhouse gas emission intensity of aluminium smelting	tonne of CO_2 equivalent per tonne of production	12.75	11.78
Greenhouse gas emission intensity of alumina	tonne of CO_2 equivalent per tonne of production	1.07	0.96
Direct greenhouse gas offsets (Scope 1)	tonne of CO_2 equivalent	0	0
Indirect greenhouse gas offsets (Scope 2)	tonne of CO_2 equivalent	0	0
Total greenhouse gas offsets (Scope 1)	tonne of CO_2 equivalent	0	0
Green power certificates traded	certificates	0	1,513,400
Total green power traded	kWh	173,809,100	835,368,200
Number of products with carbon footprint certification	unit	0	0
Volume of carbon allowances purchased	tonnes	237,500	307,200
Volume of carbon allowances sold	tonnes	69,300	94,600
CCER trading volume	tonnes	0	0
Other			
Number of environmental violations	case	0	0
Fines for environmental violations	million RMB	0	0

Social Key Performance Metrics

Key Performance Metrics		Unit	2024	2025
B1: Employment				
Total number of employees		person	3,713	4,050
By gender	Male employees	person	3,280	3,586
	Female employees	person	433	464
By employment type	Full-time employees	person	3,407	3,898
	Part-time employees	person	215	38
	Dispatched workers	person	91	114
By age	Employees aged under 30	person	881	1,053
	Employees aged 30–50	person	2,595	2,802
	Employees aged 50 and over	person	237	195
By region	Employees in Mainland China	person	3,713	4,050
	Employees in overseas regions	person	0	0
Employee diversity	Proportion of female employees in management positions[17]	%	6.82	6.90
	Proportion of female employees in junior management positions	%	8.74	7.91
	Proportion of female employees in senior management positions	%	0	20.00
	Proportion of female employees in management positions within revenue-generating departments	%	5.56	3.45
	Proportion of female employees in research positions	%	0.52	1.33
	Number of ethnic minority employees	person	1,071	1,121

17.Management positions: Personnel at the level of Division Chief, Deputy Director Head level, and above.
Senior management: Personnel at the Department Head level and above (i.e., Directors, Deputy General Managers, and General Managers level).
Middle management: Personnel at the Department Head or Deputy Department Head level.
Junior management: Personnel at the Division Chief, Director, or Deputy Director level.

Key Performance Metrics		Unit	2024	2025
	Proportion of ethnic minority employees in management positions	%	6.82	6.90
	Number of local employees	person	1,552	1,656
	Proportion of local employees in management positions	%	44.70	36.21
Total number of new hires		person	1,657	1,546
Internal hire rate		%	12.28	12.11
Number of ex-service personnel recruited		person	62	76
Employee turnover rate[18]		%	22.44	23.99
Voluntary employee turnover rate[19]		%	21.77	23.93
By gender	Male employee turnover rate	%	23.45	24.98
	Female employee turnover rate	%	13.75	15.33
By region	Employee turnover rate in Mainland China	%	22.44	23.99
	Employee turnover rate in overseas regions	%	0	0
By age	Turnover rate of employees aged under 30	%	31.44	30.95
	Turnover rate of employees aged 30–50	%	19.53	21.47
	Turnover rate of employees aged 50 and over	%	14.44	17.02
Number of concluded legal cases regarding discrimination or harassment brought against the Company or its employees		case	0	0
B3: Development and Training				
Training coverage		%	100	100
By gender	Percentage of male employees trained	%	100	100
	Percentage of female employees trained	%	100	100
By employee category	Percentage of senior management employees trained	%	100	100
	Percentage of middle management employees trained	%	100	100
	Percentage of junior management employees trained	%	100	100
	Percentage of non-management employees trained	%	100	100

18. Includes both voluntary and involuntary turnover. Turnover rates broken down by gender, region, and age also encompass both voluntary and involuntary departures.
19.Includes voluntary turnover only.

Key Performance Metrics		Unit	2024	2025
Total employee training hours		hour	112,044	121,518
By gender	Average training hours per male employee	hour	28.04	28.19
	Average training duration per female employee	hour	46.35	44.02
By employee category	Average training hours per senior management employee	hour	19.20	19.20
	Average training hours per middle management employee	hour	16.50	15.60
	Average training hours per junior management employee	hour	20.39	18.86
	Average training hours per non-management employee	hour	30.56	30.53
B2: Health and Safety				
Number of work-related fatalities[20]	Employees	person	0	0
	Contractors	person	0	0
Employee fatality rate		%	0	0
Working days lost due to work-related injuries		day	1,461	1,507
Number of work-related accidents		case	9	11
Number of serious and above work-related accidents		case	0	0
Number of injured employees		person	9	11
Work-related injury rate		%	0.24	0.27
Lost-time injury frequency rate (LTIFR)		%	1.21	1.23
Total recordable injury frequency rate (TRIFR)		%	1.89	1.79
Number of occupational disease cases		person	0	0
Occupational disease incidence rate		%	0	0
Average safety training hours per employee		hour	20.94	21.24
Investment in workplace safety		million RMB	27.36	55.23
Investment in work-related injury insurance		million RMB	2.01	2.38
B5: Supply Chain Management				
Total number of suppliers		supplier	1,636	2,083

20.In 2023, the Company recorded zero work-related fatalities, with a fatality rate of 0%.

Key Performance Metrics		Unit	2024	2025
By region	Suppliers in Mainland China	supplier	1,632	2,076
	Overseas suppliers	supplier	4	7
By type	Tier 1 suppliers	supplier	963	1,330
	Key Tier 1 suppliers	supplier	167	173
	Proportion of procurement spending on key Tier 1 suppliers	%	95.50	95.43
	Key non-Tier 1 suppliers	supplier	74	52
	Total key suppliers (Including Tier 1 and Non-Tier 1 suppliers)	supplier	241	225
Number of suppliers participating in assessments and training	Total number of suppliers assessed online or on-site	supplier	1,636	2,083
	Proportion of key suppliers assessed	%	100	100
	Number of suppliers assessed as having significant actual or potential negative impacts	supplier	4	7
	Proportion of suppliers with significant actual or potential negative impacts where corrective actions or improvement plans have been implemented	%	100	100
	Number of suppliers terminated due to significant actual or potential negative impacts	supplier	4	6
	Number of suppliers supported in implementing corrective action plans	supplier	3	4
	Proportion of suppliers supported in implementing corrective action plan	%	100	100
	Number of suppliers participating in capacity building projects	supplier	160	136
	Proportion of key suppliers participating in capacity building projects	%	35	50

Key Performance Metrics	Unit	2024	2025
B6: Product Responsibility			
Percentage of total products sold or shipped subject to recalls for safety and health reasons	%	0	0
Number of complaints received regarding products and services	case	0	2
Customer satisfaction rate	%	100	97
Customer satisfaction survey coverage	%	95.83	100
Number of concluded legal cases regarding customer privacy brought against the Company or its employees	case	0	0
B8: Community Investment			
Total social contribution investment	million RMB	9.36	2.01
Number of employees participating in social contributions	person	202	235
Total hours of social contribution	hour	1,616	1,880
Number of volunteer service participations (person-times)	person-time	712	866
Number of beneficiaries supported	person	41	43

HKEX Index

ESG Aspects	General Disclosures and Key Performance Metrics		Report Sections
A.Environment			
A1: Emissions	General Disclosures		Strictly Management of Waste-related Impacts
	Key Performance Metric A1.1	The types of emissions and respective emissions data.	Strictly Management of Waste-related Impacts
	Key Performance Metric A1.3	Total hazardous waste produced (in tonnes) and, where appropriate, intensity (e.g. per unit of production volume, per facility).	Strictly Management of Waste-related Impacts
	Key Performance Metric A1.4	Total non-hazardous waste produced (in tonnes) and, where appropriate, intensity (e.g. per unit of production volume, per facility).	Strictly Management of Waste-related Impacts
	Key Performance Metric A1.5	Description of emissions target(s) set and steps taken to achieve them.	Strictly Management of Waste-related Impacts
	Key Performance Metric A1.6	Description of how hazardous and non-hazardous wastes are handled, and a description of reduction target(s) set and steps taken to achieve them.	Strictly Management of Waste-related Impacts
A2: Use of Resources	General Disclosure		Optimising Energy and Resource Utilisation
	Key Performance Metric A2.1	Direct and/or indirect energy consumption by type (e.g. electricity, gas or oil) in total (in thousand kWh) and intensity (e.g. per unit of production volume, per facility).	Optimising Energy and Resource Utilisation
	Key Performance Metric A2.2	Water consumption in total and intensity (e.g. per unit of production volume, per facility).	Optimising Energy and Resource Utilisation
	Key Performance Metric A2.3	Description of energy use efficiency target(s) set and steps taken to achieve them.	Optimising Energy and Resource Utilisation
	Key Performance Metric A2.4	Description of whether there is any issue in sourcing water that is fit for purpose, water efficiency target(s) set and steps taken to achieve them.	Optimising Energy and Resource Utilisation
	Key Performance Metric A2.5	Total packaging material used for finished products (in tonnes) and, if applicable, with reference to the amount per unit produced.	Optimising Energy and Resource Utilisation
A3: The Environment and Natural Resources	General Disclosures		Systematic Protection of the Ecological Environment
	Key Performance Metric A3.1	Description of the significant impacts of business activities on the environment and natural resources and the actions taken to manage them.	Systematic Protection of the Ecological Environment
B.Social			
Employment and Labour Practices			
B1: Employment	General Disclosure		Supporting Employee Wellbeing and Fostering Growth
	Key Performance Metric B1.1	Total workforce by gender, employment type (for example, full- or part-time), age group and geographical region.	Supporting Employee Wellbeing and Fostering Growth
	Key Performance Metric B1.2	Employee turnover rate by gender, age group and geographical region.	Supporting Employee Wellbeing and Fostering Growth
B2: Health and Safety	General Disclosure		Supporting Employee Wellbeing and Fostering Growth
	Key Performance Metric B2.1	Number and rate of work-related fatalities occurred in each of the past three years including the reporting year.	Supporting Employee Wellbeing and Fostering Growth
	Key Performance Metric B2.2	Lost days due to work injury.	Supporting Employee Wellbeing and Fostering Growth
	Key Performance Metric B2.3	Description of occupational health and safety measures adopted, and how they are implemented and monitored.	Supporting Employee Wellbeing and Fostering Growth

ESG Aspects	General Disclosures and Key Performance Metrics		Report Sections
B3: Development and Training	General Disclosure		Supporting Employee Wellbeing and Fostering Growth
	Key Performance Metric B3.1	The percentage of employees trained by gender and employee category (e.g. senior management, middle management).	Supporting Employee Wellbeing and Fostering Growth
	Key Performance Metric B3.2	The average training hours completed per employee by gender and employee category.	Supporting Employee Wellbeing and Fostering Growth
B4: Labour Standards	General Disclosure		Supporting Employee Wellbeing and Fostering Growth
	Key Performance Metric B4.1	Description of measures taken to review employment practices to avoid child and forced labour.	Supporting Employee Wellbeing and Fostering Growth
	Key Performance Metric B4.2	Description of steps taken to eliminate such practices when discovered.	Supporting Employee Wellbeing and Fostering Growth
Operational Practices			
B5: Supply Chain Management	General Disclosures		Driving Industrial Synergy with Responsibility
	Key Performance Metric B5.1	Number of suppliers by geographical region.	Driving Industrial Synergy with Responsibility
	Key Performance Metric B5.2	Description of practices relating to engaging suppliers, number of suppliers where the practices are being implemented, and how they are implemented and monitored.	Driving Industrial Synergy with Responsibility
	Key Performance Metric B5.3	Description of practices used to identify environmental and social risks along the supply chain, and how they are implemented and monitored.	Driving Industrial Synergy with Responsibility
	Key Performance Metric B5.4	Description of practices used to promote environmentally preferable products and services when selecting suppliers, and how they are implemented and monitored.	Driving Industrial Synergy with Responsibility
B6: Product Responsibility	General Disclosure		Excellent Management of Quality and Services
	Key Performance Metric B6.1	Percentage of total products sold or shipped subject to recalls for safety and health reasons.	Excellent Management of Quality and Services
	Key Performance Metric B6.2	Number of products and service related complaints received and how they are dealt with.	Excellent Management of Quality and Services
	Key Performance Metric B6.3	Description of practices relating to the maintenance and protection of intellectual property rights.	Forging Ahead with Technological Innovation
	Key Performance Metric B6.4	Description of quality assurance process and recall procedures.	Excellent Management of Quality and Services
	Key Performance Metric B6.5	Description of consumer data protection and privacy policies, and how they are implemented and monitored.	Rigorous Protection of Information Privacy
B7: Anti-Corruption	General Disclosure		Upholding Business Ethics
	Key Performance Metric B7.1	Number of concluded legal cases regarding corrupt practices brought against the issuer or its employees during the reporting period and the outcomes of the cases.	Upholding Business Ethics
	Key Performance Metric B7.2	Description of preventive measures and whistle-blowing procedures, and how they are implemented and monitored.	Upholding Business Ethics
	Key Performance Metric B7.3	Description of anti-corruption training provided to directors and staff.	Upholding Business Ethics
Community			
B8: Community Investment	General Disclosures		Connecting and Contributing to the Community
	Key Performance Metric B8.1	Focus areas of contribution (e.g. education, environmental concerns, labour needs, health, culture, sport).	Connecting and Contributing to the Community

ESG Aspects	General Disclosures and Key Performance Metrics		Report Sections
	Key Performance Metric B8.2	Resources contributed (e.g. money or time) to the focus areas.	Connecting and Contributing to the Community
D. Climate-Related Disclosures			
(I) Governance	19(a) Consultation with relevant management	Information regarding the governance body (e.g. board of directors, specialised committee) or individuals responsible for oversight of climate-related risks and opportunities.	Transition to Address Climate Change
	19(b) Management's role	Management's role in the governance processes, controls and procedures used to monitor, manage and oversee climate-related risks and opportunities.	Transition to Address Climate Change
(II) Strategy	20 Climate-related risks and opportunities	Description of climate-related risks and opportunities reasonably expected to affect the Company's financial prospects over the short, medium or long term, and definition of the relevant time horizons.	Transition to Address Climate Change
	21 Business model and value chain	Description of the current and anticipated effects of climate-related risks and opportunities on the business model and value chain, as well as the regions or assets where risks are concentrated.	Transition to Address Climate Change
	22–23 Strategy and decision-making	Disclosure of the Company's strategies to manage climate-related risks and opportunities, resource allocation plans, and progress in implementing transition plans.	Transition to Address Climate Change
	24–25 Financial sposition, financial performance, and cash flows	Disclosure of the effects of climate-related risks and opportunities on current and anticipated financial position, financial performance, and cash flows (qualitative and quantitative).	Transition to Address Climate Change
	26 Climate resilience	Disclosure of the assessment of the resilience of the Company's strategy and business model to climate-related uncertainties, and the application of climate-related scenario analysis.	Transition to Address Climate Change
(III) Risk Management	27(a)-(b) Risk identification and assessment process	Disclosure of the processes and policies used to identify, assess, prioritise, and monitor climate-related risks and opportunities.	Transition to Address Climate Change
	27(c) Integration into risk management	Disclosure of the extent to which processes for identifying, assessing, prioritising, and monitoring climate-related risks and opportunities are integrated into the overall risk management process.	Transition to Address Climate Change
(IV) Metrics and Targets	28–29 Greenhouse gas emissions	Disclosure of the absolute gross greenhouse gas emissions for Scope 1, Scope 2, and Scope 3, as well as the measurement approach, input data, and assumptions used.	Transition to Address Climate Change
	30–32 Risks and opportunities-related assets	Disclosure of the amount and percentage of assets or business activities vulnerable to climate-related physical and transition risks, or associated with climate-related opportunities.	Transition to Address Climate Change
	34 Internal carbon pricing	Explanation of whether and how the Company applies carbon pricing in decision-making (e.g. investment decisions, scenario analysis), or an appropriate negative statement.	/
	35 Remuneration policy	Disclosure of whether and how climate-related considerations are factored into the Company's remuneration policy, or an appropriate negative statement.	Transition to Address Climate Change
	36 Industry Metrics	Encouraged disclosure of relevant industry-based Metrics associated with the business model (referencing frameworks such as the International Sustainability Standards Board (ISSB)).	Transition to Address Climate Change
	37–40 Climate-related targets	Disclosure of qualitative and quantitative targets (including greenhouse gas emissions targets) set to monitor progress towards strategic goals, along with the base period, accounting approach, and performance trends.	Transition to Address Climate Change

GRI Index

Guidance	Chuangxin Industries Holdings Limited has reported the information cited in the GRI Index with reference to the GRI Standards for the period from 1 January 2025 to 31 December 2025.
GRI 1 used	GRI 1: Foundation 2021

GRI Standards	Disclosure items	Report Disclosure Section
GRI 2: General Disclosures	2-1 Organisational details	About This Report
	2-2 Entities included in the organisation' s sustainability reporting	About This Report
	2-3 Reporting period, frequency and contact point	About This Report
	2-4 Restatements of information	About This Report
	2-5 External assurance	/
	2-6 Activities, value chain and other business relationships	Driving Industrial Synergy with Responsibility
	2-7 Employees	Supporting Employee Wellbeing and Fostering Growth
	2-8 Workers who are not employees	Supporting Employee Wellbeing and Fostering Growth
	2-9 Governance structure and composition	ESG Governance Structure
	2-10 Nomination and selection of the highest governance body	Strengthening Good Corporate Governance
	2-11 Chair of the highest governance body	Strengthening Good Corporate Governance
	2-12 Role of the highest governance body in overseeing the management of impacts	Strengthening Good Corporate Governance
	2-13 Delegation of responsibility for managing impacts	Strengthening Good Corporate Governance
	2-14 Role of the highest governance body in sustainability reporting	ESG Governance Framework
	2-15 Conflicts of interest	Stakeholder Engagement
	2-16 Communication of critical concerns	Stakeholder Engagement
	2-17 Collective knowledge of the highest governance body	Strengthening Good Corporate Governance
	2-18 Evaluation of the performance of the highest governance body	Strengthening Good Corporate Governance
	2-19 Remuneration policies	Supporting Employee Wellbeing and Fostering Growth
	2-20 Process to determine remuneration	Supporting Employee Wellbeing and Fostering Growth
	2-21 Annual total compensation ratio	Supporting Employee Wellbeing and Fostering Growth
	2-22 Statement on sustainable development strategy	Board Statement
	2-23 Policy commitments	Driving Industrial Synergy with Responsibility
	2-24 Embedding policy commitments	Driving Industrial Synergy with Responsibility
	2-25 Processes to remediate negative impacts	Supporting Employee Wellbeing and Fostering Growth
	2-26 Mechanisms for seeking advice and raising concerns	Upholding Business Ethics
	2-27 Compliance with laws and regulations	Systematic Protection of the Ecological Environment; Strict Management of Waste-related Impacts; Optimising Energy and Resource Utilisation; Excellent Management of Quality and Services; Upholding Business Ethics
	2-28 Membership associations	Driving Industrial Synergy with Responsibility

GRI Standards	Disclosure items	Report Disclosure Section
	2-29 Approach to stakeholder engagement	Stakeholder Engagement
	2-30 Collective bargaining agreements	Supporting Employee Wellbeing and Fostering Growth
GRI 3: Material Topics	3-1 Process to determine material topics	Double Materiality Assessment
	3-2 List of material topics	Double Materiality Assessment
	3-3 Management of material topics	Double Materiality Assessment
GRI 201: Economic Performance	201-1 Direct economic value generated and distributed	About Us
	201-2 Financial implications and other risks and opportunities due to climate change	Transition to Address Climate Change
	201-3 Defined benefit plan obligations and other retirement plans	Supporting Employee Wellbeing and Fostering Growth
	201-4 Financial assistance received from government	Forging Ahead with Technological Innovation
GRI 202: Market Presence	202-1 Ratios of standard entry level wage by gender compared to local minimum wage	Supporting Employee Wellbeing and Fostering Growth
	202-2 Proportion of senior management hired from the local community	Social Key Performance Metrics
GRI 203: Indirect Economic Impacts	203-1 Infrastructure investments and services supported	Connecting and Contributing to the Community
	203-2 Significant indirect economic impacts	Driving Industrial Synergy with Responsibility; Connecting and Contributing to the Community
GRI 204: Procurement Practices	204-1 Proportion of spending on local suppliers	Driving Industrial Synergy with Responsibility
GRI 205: Anti-corruption	205-1 Operations assessed for risks related to corruption	Upholding Business Ethics
	205-2 Communication and training about anti-corruption policies and procedures	Upholding Business Ethics
	205-3 Confirmed incidents of corruption and actions taken	Upholding Business Ethics
GRI 206: Anti-competitive Behaviour	206-1 Legal actions for anti-competitive behaviour, anti-trust, and monopoly practices	Upholding Business Ethics

GRI Standards	Disclosure items	Report Disclosure Section
GRI 207: Tax	207-1 Approach to tax	/
	207-2 Tax governance, control, and risk management	/
	207-3 Stakeholder engagement and management of concerns related to tax	/
	207-4 Country-by-country reporting	/
GRI 301: Materials	301-1 Materials used by weight or volume	Optimising Energy and Resource Utilisation
	301-2 Recycled input materials used	Optimising Energy and Resource Utilisation
	301-3 Reclaimed products and their packaging materials	Optimising Energy and Resource Utilisation
GRI 302: Energy	302-1 Energy consumption within the organisation	Optimising Energy and Resource Utilisation
	302-2 Energy consumption outside of the organisation	Optimising Energy and Resource Utilisation
	302-3 Energy intensity	Optimising Energy and Resource Utilisation
	302-4 Reduction of energy consumption	Optimising Energy and Resource Utilisation
GRI 303: Water and Effluents	303-1 Interactions with water as a shared resource	Optimising Energy and Resource Utilisation
	303-2 Management of water discharge-related impacts	Optimising Energy and Resource Utilisation
	303-3 Water withdrawal	Optimising Energy and Resource Utilisation
	303-4 Water discharge	Optimising Energy and Resource Utilisation
	303-5 Water consumption	Optimising Energy and Resource Utilisation
GRI 304: Biodiversity	304-1 Sites owned, leased or managed within or adjacent to protected areas and areas outside protected areas with high biodiversity value	Systematic Protection of the Ecological Environment
	304-2 Significant impacts of activities, products and services on biodiversity	Systematic Protection of the Ecological Environment
	304-3 Protected or restored habitats	Systematic Protection of the Ecological Environment
	304-4 Habitats affected by operations that have been listed by the International Union for Conservation of Nature	Systematic Protection of the Ecological Environment
GRI 305: Emissions	305-1 Direct (Scope 1) GHG emissions	Transition to Address Climate Change
	305-2 Energy indirect (Scope 2) GHG emissions	Transition to Address Climate Change
	305-3 Other indirect (Scope 3) GHG emissions	Transition to Address Climate Change

GRI Standards	Disclosure items	Report Disclosure Section
	305-4 GHG emissions intensity	Transition to Address Climate Change
	305-5 Reduction of GHG emissions	Transition to Address Climate Change
	305-6 Emissions of ozone-depleting substances (ODS)	/
	305-7 Nitrogen oxides (NOx), sulphur oxides (SOx), and other significant air emissions	Environmental Key Performance Metrics
GRI 306: Waste	306-1 Waste generation and significant waste-related impacts	Strict Management of Waste-related Impacts
	306-2 Management of significant waste-related impacts	Strict Management of Waste-related Impacts
	306-3 Waste generated	Strict Management of Waste-related Impacts
	306-4 Waste diverted from disposal	Strict Management of Waste-related Impacts
	306-5 Waste directed to disposal	Strict Management of Waste-related Impacts
GRI 308: Supplier Environmental Assessment	308-1 New suppliers that were screened using environmental criteria	Driving Industrial Synergy with Responsibility
	308-2 Negative environmental impacts in the supply chain and actions taken	Driving Industrial Synergy with Responsibility
GRI 401: Employment	401-1 New employee hires and employee turnover	Social Key Performance Metrics
	401-2 Benefits provided to full-time employees that are not provided to temporary or part-time employees	Supporting Employee Wellbeing and Fostering Growth
	401-3 Parental leave	Supporting Employee Wellbeing and Fostering Growth
GRI 402: Labour-Management Relations	402-1 Minimum notice periods regarding operational changes	Supporting Employee Wellbeing and Fostering Growth
GRI 403: Occupational Health and Safety	403-1 Occupational health and safety management system	Supporting Employee Wellbeing and Fostering Growth
	403-2 Hazard identification, risk assessment, and incident investigation	Supporting Employee Wellbeing and Fostering Growth
	403-3 Occupational health services	Supporting Employee Wellbeing and Fostering Growth
	403-4 Worker participation, consultation, and communication on occupational health and safety	Supporting Employee Wellbeing and Fostering Growtht
	403-5 Worker training on occupational health and safety	Supporting Employee Wellbeing and Fostering Growth
	403-6 Promotion of worker health	Supporting Employee Wellbeing and Fostering Growth
	403-7 Prevention and mitigation of occupational health and safety impacts directly linked by business relationships	Supporting Employee Wellbeing and Fostering Growth
	403-8 Workers covered by an occupational health and safety management system	Supporting Employee Wellbeing and Fostering Growth
	403-9 Work-related injuries	Social Key Performance Metrics
	403-10 Work-related ill health	Supporting Employee Wellbeing and Fostering Growth
GRI 404: Training and Education	404-1 Average hours of training per year per employee	Social Key Performance Metrics
	404-2 Programs for upgrading employee skills and transition assistance programs	Supporting Employee Wellbeing and Fostering Growth
	404-3 Percentage of employees receiving regular performance and career development reviews	Social Key Performance Metrics
GRI 405: Diversity and Equal Opportunity	405-1 Diversity of governance bodies and employees	Supporting Employee Wellbeing and Fostering Growth
	405-2 Ratio of basic salary and remuneration of women to men	/
GRI406: Non-discrimination	406-1 Incidents of discrimination and corrective actions taken	Supporting Employee Wellbeing and Fostering Growth
GRI 407: Freedom of Association and Collective Bargaining	407-1 Operations and suppliers in which the right to freedom of association and collective bargaining may be at risk	Supporting Employee Wellbeing and Fostering Growth
GRI 408: Child Labour	408-1 Operations and suppliers at significant risk for incidents of child labor	Supporting Employee Wellbeing and Fostering Growth

GRI Standards	Disclosure items	Report Disclosure Section
GRI 409: Forced or Compulsory	409-1 Operations and suppliers at significant risk for incidents of forced or compulsory labor	Supporting Employee Wellbeing and Fostering Growth
GRI 410: Security Practices	410-1 Security personnel trained in human rights policies or procedures	Supporting Employee Wellbeing and Fostering Growth
GRI 411: Rights of Indigenous Peoples	411-1 Incidents of violations involving rights of indigenous peoples	Connecting and Contributing to the Community
GRI 413: Local Communities	413-1 Operations with local community engagement, impact assessments, and development programs	Connecting and Contributing to the Community
	413-2 Operations with significant actual and potential negative impacts on local communities	Connecting and Contributing to the Community
GRI 414: Supplier Social Assessment	414-1 New suppliers that were screened using social criteria	Driving Industrial Synergy with Responsibility
	414-2 Negative social impacts in the supply chain and actions taken	Driving Industrial Synergy with Responsibility
GRI 415: Public Policy	415-1 Political contributions	/
GRI 416: Customer Health and Safety	416-1 Assessment of the health and safety impacts of product and service categories	Excellent Management of Quality and Services
	416-2 Incidents of non-compliance concerning the health and safety impacts of products and services	Excellent Management of Quality and Services
GRI 417: Marketing and Labelling	417-1 Requirements for product and service information and labeling	Excellent Management of Quality and Services
	417-2 Incidents of non-compliance concerning product and service information and labeling	Excellent Management of Quality and Services
	417-3 Incidents of non-compliance concerning marketing communications	Excellent Management of Quality and Services
GRI 418: Customer Privacy	418-1 Substantiated complaints concerning breaches of customer privacy and losses of customer data	Rigorous Protection of Information Privacy

Feedback Form

Dear reader,

Thank you very much for taking the time to read this Report. To continuously improve our report preparation and to advance the Company's performance in environmental, social and governance, we sincerely welcome your valuable comments and suggestions. Please do not hesitate to share your thoughts!

1. What is your relationship with Chuangxin Industries?

☐ Government ☐ Shareholders and investors ☐ Employees ☐ Partners ☐ Industry associations/civil society ☐ Media
☐ Community/public ☐ Other (please specify): _____

2. Your overall assessment of this Report:

☐ Very high ☐ High ☐ Average ☐ Low ☐ Very low

3. How would you rate the structure of this Report?

☐ Very high ☐ High ☐ Average ☐ Low ☐ Very low

4. How would you rate the layout of this Report?

☐ Very high ☐ High ☐ Average ☐ Low ☐ Very low

5. How would you rate the readability of this Report?

☐ Very high ☐ High ☐ Average ☐ Low ☐ Very low

6. How would you rate the quality of the environmental, social and governance information disclosed in this Report:

☐ Very high ☐ High ☐ Average ☐ Low ☐ Very low

7. Do you have any further comments or suggestions regarding the environmental, social and governance report or our performance?

_____

You may submit the above feedback form through the following channels:

- Address: Southwest Industrial Park, Zone C, Holingol City, Tongliao, Inner Mongolia
- Tel: +86 475 273 9834
- Email: nmcyzqb@nmcyjt.com

Thank you again for your understanding and support.