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Riyue Heavy Industry Co., Ltd.

**Environmental, Social and Governance (ESG) Report** 



# **I About this Report**

This report, issued by Riyue Heavy Industry Co., Ltd., represents our 2024 Environmental, Social, and Governance (ESG) Report to the society. It encompasses all stakeholders of Riyue and adheres to the principles of objectivity, standardization, and transparency. The report truthfully discloses Riyue's responsibility practices towards shareholders, customers, partners, employees, and other key stakeholders in 2024, along with the Company's efforts in the ESG domain, aiming to meet stakeholders' expectations and better fulfill our social responsibilities in the future.



### **Reporting Period**

This is an annual report covering the period from January 1, 2024 to December 31, 2024 unless otherwise specified. To enhance the comparability and completeness of this report, certain data and content have been appropriately extended beyond the reporting



### **Reporting Scope**

Unless otherwise specified, the report includes information of Riyue Heavy Industry Co., Ltd. and its wholly-owned and holding companies in the ESG domain, with an information boundary consistent with the Company's annual report.



### References

This Report is prepared in accordance with the requirements of the Guidelines No. 1 of Shanghai Stock Exchange for Self-regulation of Listed Companies — Standardized Operation, the Guidelines No. 14 of Shanghai Stock Exchange for Self-regulation of Listed Companies — Sustainability Reports (Trial), and the GRI Standards issued by the Global Sustainability Standards Board (GSSB), and is based on the Company's specific practices in fulfilling social responsibilities.



## **Ill** Data Source

Unless otherwise indicated, all information and data referenced in this report is based on the statistical reports and relevant documents of the Company, as well as the ESG information on the basis of statistics and audit by the Company. Unless otherwise indicated, all monetary amounts are listed in RMB for this report.



### **Assurance of Reliability**

Riyue guarantees that this report is free from false records, misleading representations, or material omissions, and the Company is responsible for the completeness, accuracy, clarity, balance and comparability of its content.

### Access to the Report

You can download its electronic version and acquire more information on corporate social responsibility from the official website of Shanghai Stock Exchange (www.sse.com.cn) and the official website of Riyue Heavy Industry Co., Ltd. (www.riyuehi.com). For any further inquiries or suggestions on this report and the Company's ESG work, please contact us via:

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# Lean Foundation, Joint Promotion of Prosperity



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# I Message from Chairman



With trust across mountains and seas, we walk the great path together. As the tide of the times surges toward the deep waters of the "Dual Carbon" strategy, and as global industrial chains redefine value amid the green transformation, we are guided by the ESG philosophy, steadily advancing toward high-quality development.



We are keenly aware that the green transition of industrial civilization is not a multiple-choice question but a mandatory one. Riyue regards low-carbon transformation as the lifeline of the enterprise, leveraging its matrix of National Green Factories to drive ecological reform across the entire industrial chain. From optimizing the energy structure to innovating production processes, from carbon management to circular economy practices, we are sketching a green growth curve on the map of the traditional foundry industry with the brush of intelligent manufacturing. In the face of the century-long challenge of climate change, we are not only committed practitioners of carbon reduction but also pathfinders in industry transformation, embedding green genes into the very fabric of our development.

Talent is the spark of innovation, and society is the root system of enterprises. We regard employees as the most valuable asset of the Company, and we are building a growth ecosystem that covers the entire career life cycle, enabling every dedicated individual to realize a leap in value amidst the wave of intelligent manufacturing. Up and down the industrial chain, we promote sustainable development by fostering responsible procurement, joining forces with over 2,000 partners to build a shared ecosystem. Meanwhile, in broader communities, the sparks of joint community building and public science education are converging into a torch lighting the way to the future. This sense of responsibility is both a firm commitment to our original aspiration of serving the nation through industry and a practical embodiment of our mission to promote common prosperity.

Modern corporate governance is the ballast stone for enduring success. With Party building as the compass, we have established a governance structure with clear responsibilities and effective checks and balances, embedding compliance awareness into every level of decision-making. By leveraging digital tools to build a transparent governance system, we have made information disclosure a bridge of trust with the capital market; through a multi-layered risk prevention and control matrix, we have forged a solid defense for stable operations. This governance wisdom is not only a solemn commitment to shareholder interests but also a profound interpretation of the role of a modern corporate citizen.

With the tide rising in the East China Sea, a thousand sails compete; with favorable winds, our industry is poised for renewal. At the historic intersection of the global energy revolution and industrial transformation, Riyue continues to navigate with ESG as its compass, forging ahead on the high-quality development course of green intelligent manufacturing. We firmly believe that only by integrating corporate destiny into the grand journey of human sustainable development can we write an enduring chapter for "Made in China" in the torrents of our time.

Chairman of Riyue Heavy Industry Co., Ltd. Fu Mingkang

Riyue Heavy Industry Co., Ltd. 2024 Environmental, Social and Governance (ESG) Report

# **I About Riyue**

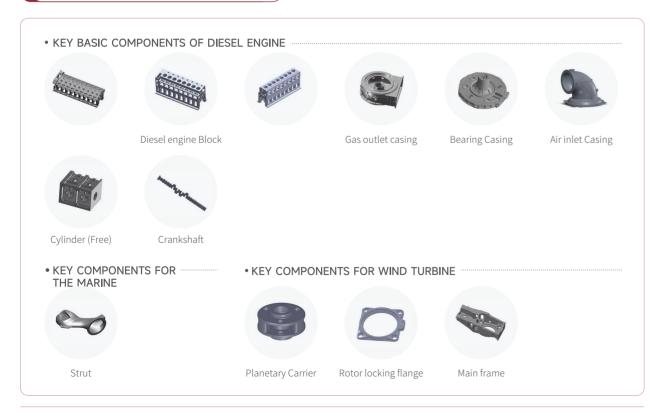
### **Company Profile**

Riyue Heavy Industry Co., Ltd. was established in December 2007, originally founded as Ningbo Yinzhou District Tinplate Factory in 1984. Since its inception, the Company has been dedicated to the research, development, production and sales of large heavy industry equipment castings, with its main products being large wind turbine castings and core castings for injection molding machines. In December 2016, the Company went successfully listed on the Shanghai Stock Exchange.

The Company's products include wind turbine castings, plastic machinery castings, diesel engine castings and machining center castings, which are used in various fields such as energy equipment, general machinery and marine engineering. While focusing on expanding and strengthening its two main product lines of wind turbine castings and plastic machinery castings, the Company has also made breakthroughs in nuclear power equipment applications and alloy steel research through its technology in ductile iron with thick cross-sections. It has been actively promoting a multi-field layout and formed a unique competitive advantage in the heavy industry equipment sector. Riyue Holdings is committed to becoming a leading supplier of basic materials for the global high-end equipment industry and high-end equipment components. Its production operations are characterized by "small batches, multiple varieties, and high flexibility", offering tailor-made solutions that provide high-end high-quality castings for industries such as energy, marine engineering, general machinery and high-speed rail vehicles.

The Company strives to build a "low-carbon, environmentally friendly and harmonious" high-tech heavy industry enterprise, aiming to be a leader in promoting the widespread use of clean and renewable energy and making a crucial contribution to the green and sustainable development of humanity.

#### Marine Heavy Industry Solutions



#### Energy Industry Solutions

#### • KEY COMPONENTS FOR WIND TURBINE











Housing (Free)

Casing (Free)

Main Casing

**Driving Casing** 

Housing (Middle)

Housing (Lower)













Housing (Upper)

Housing (Free)

Mainshaftsleeve

6X Planetcarrier

6X End Cover

6X Housing (Rear)















6X Torque Arm

6X Planetcarrier

Housing (Middle)

Model-x Main Structure

QB Hub

20 Hub







MK3E Base

12MW Base

V20 Baes Frame

6X Hub

9MW Main Shaft

YC85 Main Shaft

YC85 Main Bearing Housing









V12 Baes Frame



V20 Main Bearing Housing

MACHINES

• KEY GOMPONENTS FOR THERMAL POWER, NUCLEAR POWER GENERATOR

6050 Main frame



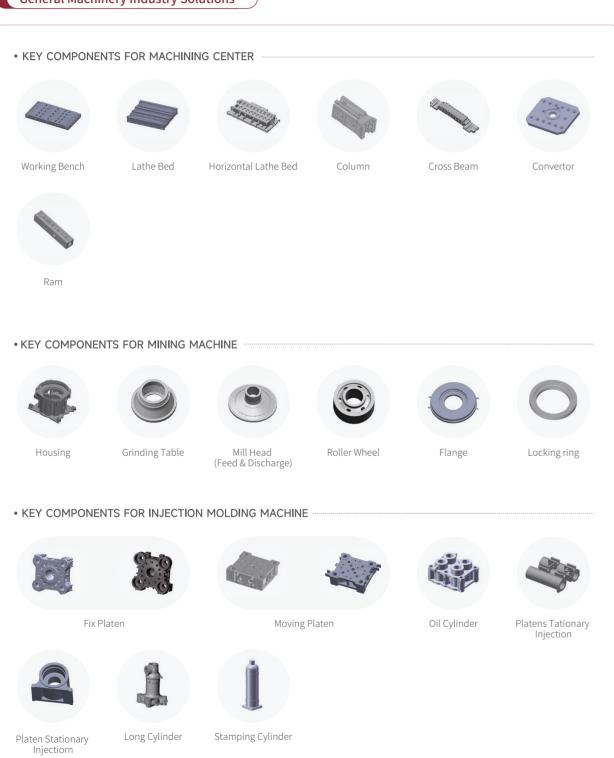
Casing (Upper) for

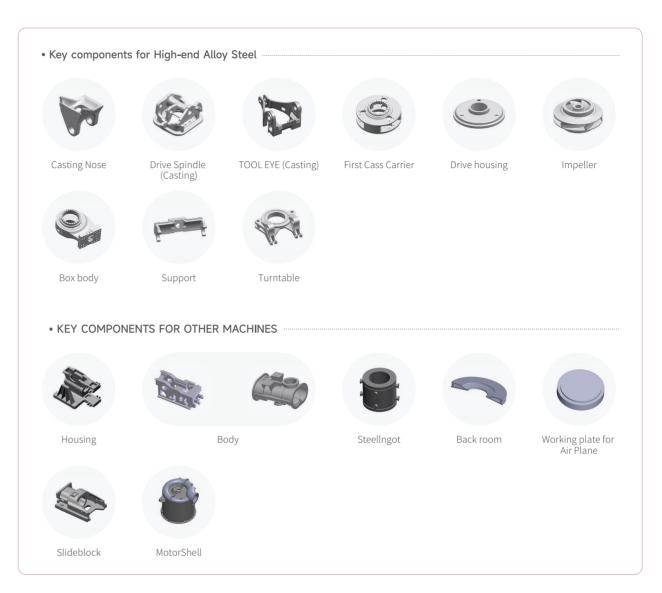
Casing (Lower) for working condition

working condition

2024 Environmental, Social and Governance (ESG) Report

#### General Machinery Industry Solutions





#### High-speed Rail and Rolling Stock Industry Solutions

• KEY COMPONENTS FOR HIGH-SPEED RAIL, RAIL VEHICLE







PDM385 Housing (Upper)

PDM385 Housing (Lower)

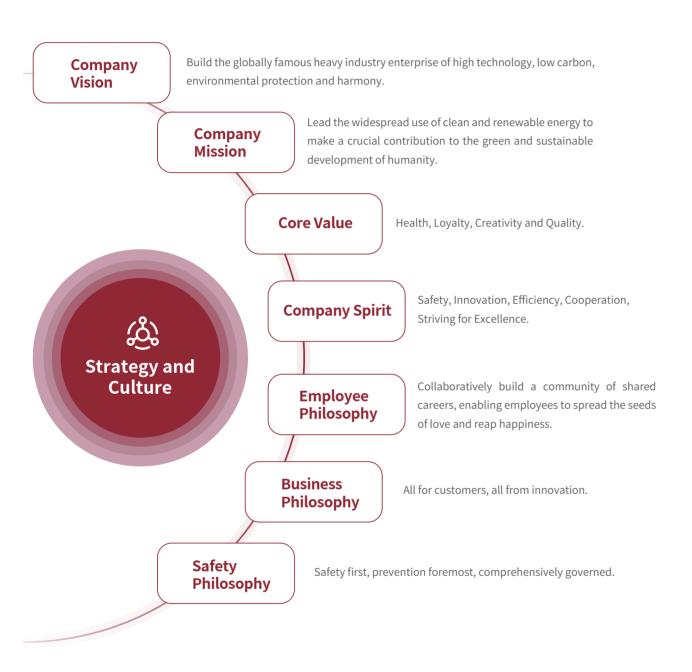
M490 Housir (Upper)

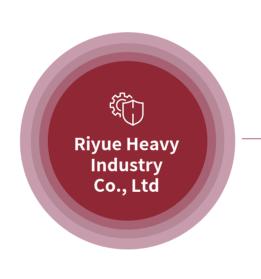
PDM490 Housing (Lower)

Riyue Heavy Industry Co., Ltd. 2024 Environmental, Social and Governance (ESG) Report

# I Strategy and Culture

# I Organizational Structure





Institute of Technology Research Institute of Process Research Quality & Safety Center **Excellence Operation Center** Sales Company Planning & Coordination Center **Digitalization Center Procurement Center** Financial Management Center **Human Resources Center** Office Ningbo Rixing Foundry Co., Ltd. Ningbo Essence Metal Machinery Co., Ltd. Ningbo Yuexing Metal Machinery Co., Ltd. Ningbo Riyue Nuclear Equipment Manufacturing Co., Ltd. Ningbo Mingling Technology Co., Ltd. Ningbo Riyue Essence Precision Manufacturing Co., Ltd. Ningbo Riyi Intelligent Equipment Co., Ltd. Riyue Heavy Industry (Gansu) Co., Ltd. Xiangshan Riyue Zhixin Testing Technology Co., Ltd.

Ningbo Riyue Rixing New Energy Technology Co., Ltd.

Benxi Liaocai Metal Material Co., Ltd.

Subei Zhexinneng Wind Power Co., Ltd.

# **| History**



The Company relies on its advantages in technology, products, scale, quality and brand to establish a long-term stable customer base and has secured a solid market position in the industry of castings for large heavy industry equipment.



1984

Ningbo Yin County Tinplate Factory was founded (The former name of Riyue Heavy Industry Co., Ltd.).



1991

Expanded the clay sand casting workshop to achieve an annual production capacity of over 10,000 metric tons.



1996

Built a new resin sand casting workshop with an annual production capacity of over 50,000 metric tons.



2001

Constructed the first phase of the tooling and mold workshop covering over  $8,600\ m^2.$ 





Honored as Ningbo High-tech Enterprise and established the Provincial Enterprise Technology Center.



Honored as a Provincial High-tech Enterprise; "Heavy section ductile iron castings" included in the National Torch Plan Project; and identified as a National-level High-tech Enterprise.



Annual output reached 100,000 metric tons; honored as Safety Production Standardization Enterprise in Zhejiang Province; and passed ISO14001 Environmental Management System Certification.



Ningbo Rixing Foundry Co., Ltd., a subsidiary invested and established by the Company, was formally put into production





The National Machinery Industry Advanced Collective; the Safety Quality Standardization (Country) Level 2 Enterprise; and established the physical and chemical testing center at the provincial level



Listed as a post-doctoral research workstation (pilot) and elected as a Vice President member of China Foundry Association.





Certified by BV.



The Safety Production Standardization (Country) Level 1 Enterprise; China Green Foundry Demonstration Enterprise; The Green and Low-Carbon Economic Model Enterprise in the 3rd competition of Zhejiang Province; and passed OHSMS18001.





Passed GL, ABS, LR and other China Classification Society (CCS) certifications and certified as the national testing center.





Recognized as a Key High-tech Enterprise of National Torch Plan.





Successfully listed in A shares of Shanghai Stock Exchange (Stock Code: 603218).





Approved as the "National Enterprise Technology Center" and won the honor of "Green Enterprise" of the Ministry of Industry and Information Technology (MIIT)



国家认定 企业技术中心 网络发现信贷 纤 投 每 明信第 前文 2 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1



Successfully issued convertible corporate bonds, raising RMB 1.2 billion, and invested to establish a subsidiary, Riyue Nuclear Equipment.



Invested to establish a subsidiary, Precision Manufacturing.





The hundred-metric ton ductile iron spent fuel transport container was successfully developed, which is unprecedented in China, and passed the "Domestic First Set" approval. Subsidiaries were established by the Company, including Gansu Riyue, Riyi Intelligent and Zhixin Testing.



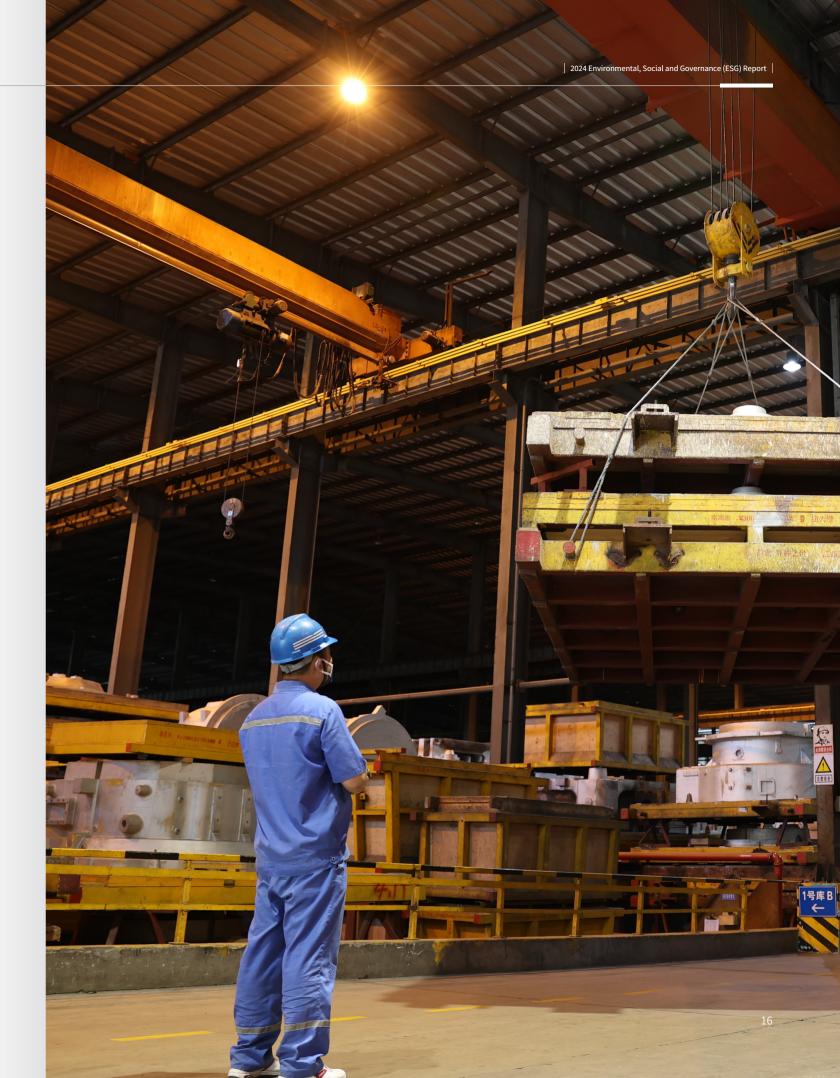


The world's largest on-shore wind turbine gearbox 11 MW casting was successfully developed and mass-produced. The Company invested to establish a subsidiary, Jiuquan Zhexinneng. The project of key components for wind turbine machine in Gansu Riyue was officially put into operation, with an annual output of 200,000 metric tons (100,000 metric tons for Phase 1).



Invested in the establishment of Benxi Liaocai Metal Materials Co., Ltd., marking the Company's expansion into new fields, cultivation of new profit growth drivers, and further improvement of the industrial chain.





2024 Environmental, Social and Governance (ESG) Report

# Honors in 2024 Riyue Corporate Governance (G) Pioneer Award The Second CRHC Cup · ESG Golden Bull Award Cailian Press China Securities Journal Riyue 最佳创新实践 日月股份 **Best Innovation Practice Great Contribution Award** 2024 Annual Listed Company Investor Yinzhou District Economic Influencer List Relations Ranking Riyue Riyue 优秀会员企业 Golden Phoenix Award **Outstanding Member Enterprise** Ningbo Yinzhou High-tech and Intellectual Dongwu Town Committee of the CPC, Property Association Dongwu Town People's Government



Riyue



**Best Strategic Supplier** 

FCS Group





2024 Top 100 Competitive Enterprises in Ningbo

Ningbo Enterprises Federation, Ningbo Entrepreneurs Association, Ningbo Federation of Industrial Economics

Riyue



Enterprise on the Positive Lists for Environmental Supervision and Law Enforcement in Ningbo

> Ningbo Municipal Bureau of Ecology and Environment

Riyue



2024 Top 100 Comprehensive Enterprises in Ningbo

Ningbo Enterprises Federation, Ningbo Entrepreneurs Association, Ningbo Federation of Industrial Economics

Riyue



2024 Top 100 Manufacturing Enterprises in Ningbo

Ningbo Enterprises Federation, Ningbo Entrepreneurs Association, Ningbo Federation of Industrial Economics

Riyue



Model Collective of the Year 2024

Dongwu Town People's Government



#### Rixing Foundry



#### **Low-Carbon Product Supplier Certificate**

China Electronics Energy Saving Technology Association

#### Rixing Foundry



#### Top 10 Innovation Capabilities

Xiangshan County Committee of the CPC, Xiangshan County People's Government

#### Rixing Foundry



#### Gold Award for Comprehensive Industrial Contribution

Xiangshan County Committee of the CPC, Xiangshan County People's Government

#### Rixing Foundry



#### Third-Level Enterprise of Workplace Safety Standardization (Machinery)

Ministry of Emergency Management of the People's Republic of China

#### Rixing Foundry



#### Strategic Alliance Supplier

Strategic Supplier Circle of SANY Renewable Energy

#### Rixing Foundry



### AA-Rated Zhejiang Province "Contract-Honoring and Credit-Worthy" Enterprise

Ningbo Administration for Market Regulation

# **I ESG Management**



The Company actively responds to the call of the times for sustainable development, deeply implements the ESG philosophy, integrates ESG into all processes and aspects of operations, and promotes high-quality development across the board.

### **ESG Management**

The Company actively supports the national "Dual Carbon" goals, has clearly defined its sustainable development strategy, established a sustainability framework, and is advancing ESG management system construction at all levels. The Company actively builds a sustainable corporate culture, shapes a responsible image that meets social expectations, and integrates ESG governance throughout the corporate strategy, decision-making and operational processes, creating a top-down ESG governance framework. By setting ESG strategic goals, identifying ESG-related risks, disclosing information, and managing and assessing ESG performance, the Company continuously enhances its environmental, social and governance capabilities, optimizes its ESG governance structure, and vigorously promotes the efficient implementation of ESG initiatives.

### **Analysis on Material Issues**

To better respond to the expectations and demands from stakeholders, the Company regularly employs methods such as benchmarking against other companies, and internal interviews to identify, assess, prioritize, and confirm ESG issues, which help us find out how much of a concern the issue is to stakeholders and understand their expectations of the Company's ESG performance. In 2024, the Company's material issue determination process is as follows.



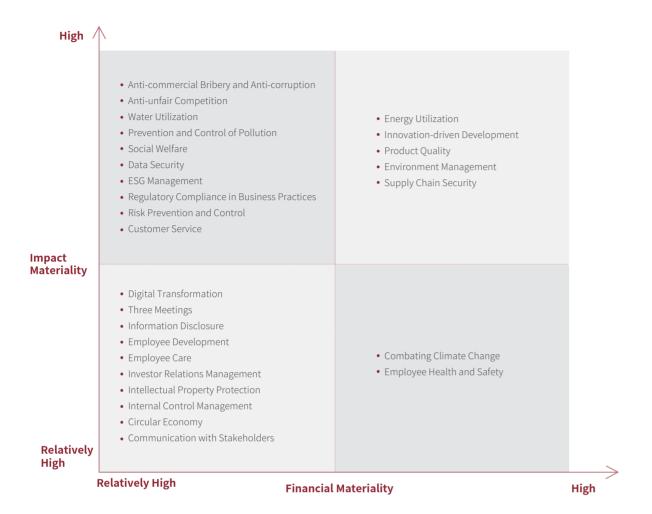
Identify major trends pertinent to the Company through policy analysis, industry research, peer comparison, stakeholder communication and survey, then identify the material issues based on the national polices and key points of high concern in the capital market.

# Analysis of materiality

Perform rational analysis of the results obtained from the questionnaires and give a final ranking for the material issues of stakeholders by fully considering the relevant national policies, key points of high concern in the capital market and peer performance.

Confirmation by the Management

The management of the Company performs careful perusal and review of the results from the analysis of material issues to finally establish key information to be disclosed in this report, objectives of future ESG management and specific implementation plans.



Note: "Ecosystem and Biodiversity Protection", "Sci-Tech Ethics", "Fair Treatment of SMEs", and "Due Diligence" are disclosure issues for specific entities and are not identified as material issues for the Company at this time; therefore, relevant information has not yet been disclosed.



#### **Communication with Stakeholders**

The Company actively performs social responsibilities, pays great attention to the expectations and demands of stakeholders, engages in in-depth communication through various channels, fully understands opinions and suggestions of governments and regulatory authorities, shareholders, partners, communities and employees, and specifically enhances the Company's ESG performance, continually adjusting its sustainable development strategy and actions.





# I Environmental Impact Management



The Company continuously improves its environmental management system, strengthens the foundation for environmental protection, and empowers high-quality environmental protection efforts. \_\_\_\_



#### **Environmental Management System**

### Governance

The Company attaches great importance to the environmental impact of its operations, strictly complies with the Environmental Protection Law of the People's Republic of China and the Law of the People's Republic of China on Environmental Impact Assessment, continuously improves the environmental management system, defines its management structure, and systematically manages environmental impacts.

	Designated Management Department	Responsibilities
The Headquarters	Quality & Safety Center, with a Quality and EHS Management Section	The Company actively builds internal EHS systems at both the Company and subsidiary levels, oversees EHS management and the operation of special hazard controls, ensuring
Subsidiary Plants	Safety and Environmental Section	that the environmental management system complies with the ISO 14001 series standards and that the production environment meets stakeholder requirements.

v

As of the end of 2024, the Company and three subsidiaries have obtained GB/T 24001 / ISO 14001 Environment Management Systems certification.



Riyue Environmental Management System Certificate



Gansu Riyue Environmental Management System Certificate





Rixing Foundry Environmental Management System Certificate



Mingling Technology Environmental Management System Certificate

#### Strategy

The Company fully implements the new development philosophy of innovation, coordination, green development, openness, and sharing, continuously improves its environmental management mechanism, enhances environmental risk prevention capabilities, and empowers pollution prevention and control, resource conservation, and greenhouse gas emission reduction through system management, striving for high-quality development.

#### Influence, Risk and Opportunity Management

The Company and its subsidiaries conduct annual environmental risk assessments and compile environmental factor identification lists. After approval processes, environmental risk factors are confirmed to ensure comprehensive identification and prevention. The Company has formulated the Emergency Plans for Environmental Incidents, clarifying the responsibilities, content, and emergency response plan procedures for each functional department to effectively respond to environmental incidents and ensure employee safety. The Company conducts annual emergency response drills to enhance employee emergency response capabilities and strengthen inter-departmental coordination.



The Company is attentive to the environmental impact on nearby residents. Upon receiving environmental complaints, it promptly undertakes acceptance, investigation, rectification, and review to continuously improve environmental management effectiveness.

#### **Indicators and Targets**

In 2024, the Company and its subsidiaries did not experience any illegal or irregular environmental violations. The Company was honored as an enterprise on the Positive Lists for Environmental Supervision and Law Enforcement in Ningbo.



Enterprise on the Positive Lists for Environmental Supervision and Law Enforcement in Ningbo

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#### **Pollutant Emission Management**

The Company complies with relevant laws and regulations, and has formulated the Exhaust Gas, Wastewater, and Noise Control Procedures, Waste Pollution Control Procedures, and Environmental Protection Management System to ensure that pollutant emissions meet standards and reduce environmental and health impacts.

The Company is committed to pollutant reduction, sets emission targets, actively contributes to the development of a green ecological environment, and regularly conducts environmental monitoring to ensure compliant emissions. In 2024, 100% of the Company's pollutant emissions met standards.

#### Wastewater

The Company has established an industrial wastewater treatment station and a general treatment station. Wastewater is first treated with a "physicochemical + biochemical" process at the industrial wastewater station, then further treated at the general sewage treatment station to achieve discharge compliance. To reduce wastewater at the source, the Company selects production processes and technologies with low water consumption and minimal or relatively mild environmental impacts.

Indicator	Unit	2024
Discharge of wastewater	metric ton	83,877.5
Discharge of industrial wastewater	metric ton	980.0
Discharge of domestic wastewater	metric ton	82,897.5

#### **Exhaust Gas**

The Company has formulated the Exhaust Gas Emission Control Procedures and supports it with exhaust gas pollution prevention and control facilities to legally manage various exhaust gases generated during production, including mixing, molding, core-making, melting, casting, shakeout, sand reclamation, and kitchen fumes. The Company ensures effective daily operation and maintenance of pollution prevention and control facilities and commissions third-party testing annually to ensure exhaust gas emissions meet standards. In 2024, the Company generated 329,703.3 kg of exhaust gas pollutants, all of which were discharged in compliance.



- Volatile gas collection and treatment devices are installed to reduce fugitive exhaust gas emissions.
- The Company enhances the maintenance of organic exhaust gas treatment facilities, replaces activated carbon as required, ensures normal operation of exhaust gas equipment, and minimizes exhaust gas emissions.
- The Company adopts the "catalytic combustion + activated carbon treatment" process to effectively treat paint booth and touch-up exhaust gases, ensuring compliant emissions from the painting process.

#### **Solid Waste**

The Company has formulated the Solid Waste Pollution Control Procedures, clarifying waste types, disposal methods, and management processes. Waste is classified, labeled, and tracked in accordance with national and local regulations to ensure full compliance throughout generation, storage, transport, and disposal.

General solid waste includes domestic waste, dust, melting slag, used molding sand, and iron filings. Domestic waste is collected, classified, and stored by the Company at designated locations with unified labeling, and is processed by certified recycling stations authorized by government environmental protection authorities. The Company advocates recycling and reuse of general solid waste generated during production.

Hazardous waste includes chemical waste liquids, packaging of chemical reagents, waste paint, and related packaging. In accordance with national laws and regulations, the Company has established Hazardous Waste Storage Management Regulations, clearly specifying storage requirements and maintaining a hazardous waste log to ensure unified hazardous waste management. All hazardous waste is handled by certified institutions recognized by government environmental protection author-



the Company generated 42,527.2 metric tons of hazardous waste

Indicator	Unit	2024
Hazardous waste generated	metric ton	42,527.2
Hazardous waste generation intensity (based on revenue)	metric ton / RMB 1,000,000	0.4
General waste generated	metric ton	327.9
General industrial solid waste generation intensity (based on revenue)	metric ton / RMB 1,000,000	45.9

#### Noise

The Company strictly complies with the Emission Standard for Industrial Enterprises Noise at Boundary (GB12348-2008) Class III standards, actively implements noise control measures to ensure that day and night noise levels at the plant boundary do not exceed limits, thereby avoiding disruption to nearby residents.



**Green Office** 

The Company actively promotes green office practices, encourages employees to adopt environmentally friendly behaviors at work and in life, and joins hands with employees to move toward a greener and more efficient future.

Conserve paper

The Company advocates for online office practices, double-sided printing and copying of daily documents, and reusing discarded paper.

Conserve electricity

The Company encourages employees to turn off electricity when leaving a room to reduce elec-

Conserve water

The Company promotes rational and recycled water use, encourages employees to turn off taps well after use, and to report any issues such as burst pipes to relevant departments for prompt repair to prevent leaks.

Conserve resources

The Company actively advocates the resource-saving principle of "no discard nor abandon usable things", encourages employees to use "ink-saving printing" mode, replace pen refills with water-based options, reuse binder clips and paper clips, and recycle used folders, among others.

Riyue Heavy Industry Co., Ltd. 2024 Environmental, Social and Governance (ESG) Report

# I Strengthening Resource Management



The Company places great importance on energy and resource conservation. It has formulated the Energy and Resource Management Procedures, improved resource management, strengthened the resource management system, and promoted the efficient use of water resources, energy, and material recycling across the board, injecting strong momentum into the Company's sustainable development.



#### **Water Utilization**

The Company focuses on the conservation and efficient use of water resources. In 2024, the Company's total water consump tion was

- Promote the use of purified drinking water according to actual needs.
- · Cleansing operations are conducted with water-saving awareness while ensuring effectiveness.
- Regular inspections are conducted on the water supply system to ensure that equipment is free of leaks and overflows.
- When abnormal water usage occurs, the cause is investigated, and corrective measures are implemented within a specified time.

Indicator	Unit	2024
Total water consumption	10,000 metric tons	135.26
Fresh water consumption	10,000 metric tons	113.60
Recycled water consumption	10,000 metric tons	21.66
Proportion of recycled water consumption	%	16.01
Water consumption intensity (based on revenue)	metric ton / RMB 1,000,000	806.89



#### **Energy Utilization**

#### Governance

**Top Management** 

The Company has formulated a series of energy management systems such as the Regulations on Resource and Energy Management, Energy Metering Management System, and Regulations on Disciplinary Actions and Waste Penalties for Energy Use, clearly defining the requirements of the energy management system. As of the end of 2024, two of the Company's subsidiaries had obtained certification for the energy management system.

#### **Energy Management System**

- Appoint a management representative and approve the establishment of the Energy Management Leading Group.
- Provide the resources needed for the operation and improvement of the energy management system, define the scope and boundaries of the system, and communicate the importance of energy-saving.
- · Incorporate energy performance considerations into long-term planning, ensuring the establishment of energy objectives, targets, and appropriate performance indicators.
- Report energy management status to higher authorities and government departments in accordance with regulatory requirements.
- Conduct annual management reviews.

#### **Energy Management System**

# Management

- · Establish, implement, maintain, and continuously improve the energy management system in accordance with
- · Assign relevant personnel under the authority of the management to jointly carry out energy management activities.
- Report on energy performance and the performance of the energy management system; plan effective energy management activities.
- Enhance employees' awareness of the energy policy and energy objectives.
- · Clearly define and communicate responsibilities and authorities related to energy management to effectively promote energy management.
- Establish criteria and methods to ensure effective control and operation of the energy management system.

#### Subsidiaries

Representative

• The primary responsible department is responsible for organizing all employees to implement and maintain the energy management system, and urging all units to carry out work related to the energy management system according to specific requirements.



Riyue Energy Management System Certificate



Rixing Foundry Energy Management System Certificate

#### Strategy

Upholding the energy policy of "low carbon and environmental protection, clean circulation, efficiency through conservation, and green casting", the Company promotes high-efficiency energy management practices to minimize energy consumption, improve energy utilization, and support sustainable enterprise development.

#### **Influence, Risk and Opportunity Management**

The Company's main energy sources include outsourced diesel, gasoline, electricity, and coke/coal. While ensuring normal production operations, the Company conserves electricity, ensures the safety and efficiency of power equipment, investigates and analyzes abnormal electricity usage, and implements timely corrective measures. The Company follows established procedures for energy transportation, use, and installation, maintenance, and servicing of energy-related equipment. In the event of energy supply shortages, relevant departments are notified in advance.

#### **Indicators and Targets**

the Company continued its energy conservation efforts, 375,098.66 metric tons of standard consuming a total of

Indicator	Unit	2024
Total energy consumption	TCE	375,098.66
Fossil energy consumption (direct)	TCE	292,624.53
Non-fossil energy consumption (direct)	TCE	1,607.38
Outsourced electric power	10,000 kWh	64,980.51
Outsourced heating power	GJ	29,475.62



#### **Materials and Circular Economy**

In material management, the Company has established relevant procedures that clearly require paper and other materials to be transported and stored with quality assurance measures, including moisture-proofing, waterproofing, and sun protection. In terms of circular economy, the Company actively promotes resource recovery, reduction, and reuse, facilitating resource recycling throughout the production process. Meanwhile, the Company actively uses waste steel and return materials in production to improve the utilization rate of recycled resources. In 2024, approximately 180,000 metric tons of scrap steel were procured.

Resource Reuse Measures		
Smelting Slag	Used as brick blanks or cement raw materials.	
Used Molding Waste Sand and Iron Filings	Recycled and reused as raw materials.	



# I Combating Climate Change



The Company is attentive to global climate change, has established a system for identifying and assessing climate risks, strictly manages greenhouse gas emissions, actively participates in the carbon trading market, and formulates and implements effective climate change response strategies to ensure the Company's steady development.



### Governance

The Company strictly complies with laws and regulations such as the Energy Conservation Law of the People's Republic of China and the Environmental Protection Law of the People's Republic of China, promotes ecological civilization and sustainable economic development, actively builds a green manufacturing system, and is committed to mitigating and combating climate change. As of the end of 2024, the Company held four National Green Factory certifications.











### Strategy

The Company recognizes the potential impacts of climate change on business operations and prepares contingency plans for possible climate-related risks. Meanwhile, it actively implements national policies on "Dual Carbon" goals, enhancing technological innovation and the implementation of energy-saving and emission reduction technologies.

	Climate-related Risks		Countermeasures
Physical Risks	Contingency Risks: Extreme weather	Factory, workshops, office buildings and equipment might be damaged to cause asset loss, and even employee safety accidents.     Facility damage, service interruption or major equipment damage may directly or indirectly sabotage the continuity of business operations and economic interests.	Regularly identify environmental factors that may impact the climate, and strengthen control over these identified environmental factors.     Focus on extreme weather alerts, develop targeted emergency plans, conduct regular emergency drills, and emphasize the routine storage of disaster prevention materials.     Regularly inspect production equipment and facilities for potential hazards, upgrading and retrofitting as needed to enhance disaster protection levels.
	Chronic Risks: Lasting heatwave, drought, etc.	Higher temperatures may result in the need for additional cooling equipment and maintenance costs, increasing operational costs.	Improving the R&D and application of carbon emission reduction technologies and being equipped with more energy-efficient cooling technology and system.     Promoting green development to mitigate associated climate change risks.

Riyue Heavy Industry Co., Ltd. 2024 Environmental, Social and Governance (ESG) Report

Transition Risks	Policies and laws risks	New policies and regulations on greenhouse gas (GHG) emissions may increase the Company's compliance costs and related litigation or claims may also increase in numbers.	Staying on top of the changes in the regulations and policies related to the climate and "dual carbon", establishing a list of laws and regulations, and adjusting internal management measures in a timely manner to actively
	Technology Risks	Increasing environmental, performance, and production process requirements and the acceleration of low-carbon transition necessitate costly technological innovations.	Continuously conducting energy-saving and carbon-reducing technology transformation and optimizing production processes and equipment in consideration of the current level of technology. Installing fault prevention facilities and carrying out regular maintenance of equipment so as to facilitate the use of clean technologies.
	Market risks	Shifts in upstream and downstream supply chains and customer prefer- ences may intensify the focus on green and low-carbon products.	Scientifically assess market conditions, continuously monitor the price trends and supply and demand changes in the product and raw material markets, and conduct preliminary research.
	Reputation risks	Poor performance in combating climate change and sustainability giving rise to negative feedback from associated stakeholders.	Being devoted to sustainable development, actively taking up social responsibilities, reinforcing green production, maintaining green ecology and burnishing the green image of the Company.     Regularly publishing ESG reports of the Company and disclosing information on the status of the Company's energy saving and emission reduction objectives.

# Influence, Risk and Opportunity Management

In response to chronic physical risks, the Company has steadily conducted greenhouse gas accounting and actively participated in carbon trading, striving to achieve the "Dual Carbon" goals. Benxi Liaocai, a subsidiary of the Company, calculated its annual greenhouse gas emissions in accordance with the Guidelines for Enterprise Greenhouse Gas Emissions Accounting and Reporting for Iron and Steel Production issued by the Ministry of Ecology and Environment. During the carbon trading process, Benxi Liaocai actively utilized CCER offsets according to its actual conditions. In 2024, it completed carbon compliance for 1 million metric tons and used 50,000 metric tons of CCER offsets, effectively reducing carbon compliance costs. In response to acute physical risks, the Company actively addresses typhoons and other extreme weather events to ensure asset and workplace safety and avoid disruptions to business continuity and economic interests.



### **Indicators and Targets**

The Company continues to advance toward achieving the "Dual Carbon" goals and contributes to mitigating climate change. In 2024, the Company's greenhouse gas emissions were as follows.

Indicator	Unit	2024
Total GHG emissions	tCO <sub>2</sub> e	1,429,335.93
Scope 1 emissions	tCO2e	1,077,408.22
Scope 2 emissions	tCO2e	351,927.72

In 2024, Rixing Foundry obtained the Three-Star Product Carbon Label Evaluation Certificate and Authorization for Use of Carbon Label.



Rixing Foundry Three-Star Product Carbon Label Evaluation Certificate



Rixing Foundry Authorization for Use of Carbon Label





# I Innovation-Driven Development



With technological innovation as the engine, the Company tackles cutting-edge technical challenges, builds an intellectual property protection system, vigorously protects innovation achievements, advances digital transformation, reshapes operational processes, improves efficiency and decision-making, and embarks on a new journey of high-quality development.



### **R&D and Innovation Management**

#### Governance

The Company has established a set of systems including the Project Full-Process Management System, Resource and Fund Management System, Innovation Incentive Mechanism, 1+4 New Product Development Management System, Project Initiation and Incentive System, Single Innovation Project Reward Management System, and 1+3+10 New Product Development Management System, which define management structures and responsibilities, refine innovation management and incentive mechanisms, and continuously advance the Company's R&D and innovation initiatives.

R&D and Innovation Management Structure		
D0.D.C	Institute of Technology Research	Leads the direction of industry technological development and determines the Company's long-term R&D strategy and key projects.
R&D Center	Institute of Process Research	Leads the design and development of new products and the upgrading of existing ones based on market demand and customer feedback.
Innovation Management Committee	Management innovation projects. Supervises the execution progress and achievement transformation of innovation projects and	

As of the end of 2024, the Company and four of its subsidiaries had obtained High-tech Enterprise certification.



Riyue High-tech Enterprise Certificate



Rixing Foundry High-tech Enterprise Certificate



Mingling Technology High-tech Enterprise Certificate



Precision Manufacturing High-tech Enterprise Certificate



Gansu Riyue High-tech Enterprise Certificate

#### Strategy

The Company adheres to its mission of "becoming a leader in promoting the widespread use of clean and renewable energy and making key contributions to the green and sustainable development of humanity". Focusing on large ductile iron wind power castings, and leveraging its nuclear storage container technology, the Company conducts in-depth research on the performance of low-temperature ductile iron, deepens the reform of its science and technology system, increases investment in science and technology, stimulates innovation vitality, and contributes to the modernization, digitalization, and intelligent development of the industry.

#### Influence, Risk and Opportunity Management

The Company strengthens its equipment foundation to provide solid hardware support for R&D and innovation. The Company owns more than 140 sets of large and medium-sized production equipment, including advanced resin sand casting production lines, cupola furnaces, induction electric furnace melting equipment, and large shot blasting machines, heat treatment furnaces, and other casting post-processing equipment. It also has over 70 sets of testing instruments and equipment, except for the advanced German-imported direct-reading spectrometers, infrared carbon-sulfur analyzers, mechanical property testing machines, a large horizontal microscope and an ultrasonic flaw detector, providing a solid equipment foundation for research and production.

The Company continues to improve its innovation mechanisms, clarifies the evaluation process and incentive system for innovation projects, standardizes the entire R&D and innovation process, and fosters an innovative atmosphere. Innovation project incentives include team and individual rewards, with bonus distribution plans implemented upon approval.

The Company deepens industry-academia-research cooperation and continuously transforms innovation achievements into social and economic benefits. As of the end of 2024, the Company has established three national-level R&D platforms: the National Enterprise Technology Center, the National Intelligent Casting Industry Innovation Center, and the National Postdoctoral Research Workstation; two provincial-level R&D platforms: the Zhejiang Provincial Enterprise Technology Center and the Zhejiang High-Tech Enterprise R&D Center; and two municipal-level R&D platforms: the Ningbo Riyue Heavy Industry Casting Engineering Technology Center and the Riyue Heavy Industry Castings Research Institute. The Experimental Center of Riyue Heavy Industry Co., Ltd. and the Testing Center of Ningbo Rixing Foundry Co., Ltd. are laboratories and testing institutions accredited by national (international) organizations.



Riyue Testing Center CNAS Laboratory Accreditation Certificate



ter Rixing Foundry Testing y Center CNAS Laboratory icate Accreditation Certificate



Riyue Postdoctoral Research Workstation



In July 2024, the testing center of Ningbo Rixing Foundry Co., Ltd., a subsidiary of the Company, successfully passed the CNAS re-accreditation review.







The Company cultivates and introduces high-level technical and skilled talents through a "going out and bringing in" approach via multiple channels, establishing an efficient R&D talent team to enhance overall scientific and technological innovation capabilities. At the same time, the Company significantly improved the overall level of its R&D projects, strengthened the innovation awareness of technical and skilled talents, and fostered a sound research atmosphere.

#### **Indicators and Targets**

In 2024, the Company continued to advance its R&D and innovation initiatives.

Indicator	Unit	2024
R&D investment	RMB 100 million	2.27
Proportion of R&D investment	%	4.84
Proportion of R&D personnel	%	6.48

	Targets	Progress
Phased Goals (3-5 years)	<ul> <li>Technological Breakthroughs: Complete no fewer than three major technical research projects.</li> <li>New Product Launches: Successfully develop and launch two to three new products targeting emerging markets or high-end application scenarios, with new product sales accounting for 10%–15% of total revenue.</li> <li>Patent Growth: Apply for no fewer than 150 patents within five years, with the number of invention patent applications increasing annually and accounting for more than 20%; enhance patent commercialization and achieve a patent implementation rate of over 60%.</li> <li>R&amp;D Team Development: Expand the R&amp;D team to more than 100 people, with senior technical personnel accounting for 15%, and cultivate or introduce no fewer than three industry-leading talents.</li> </ul>	Continue advancing toward the achievement of phased goals
Long-term Goals (5-10 years)	Technology Leadership: Become a global technological leader in wind power equipment and other high-end equipment manufacturing fields, mastering core cutting-edge industry technologies. Product Diversification: Develop at least five globally competitive new product lines with independent intellectual property rights. Patent Portfolio: Accumulate over 350 patent applications, with invention patents accounting for no less than 30%. R&D Investment and Collaboration: Maintain R&D investment at 3%–4% of revenue, and establish long-term strategic partnerships with no fewer than ten leading global research institutions and universities.	Continue advancing toward the achievement of long-term goals



#### **R&D** and Innovation Achievements

The Company actively promoted industry innovation and development and achieved remarkable results. In 2024, the Company led or participated in the development of 24 national, group, and industry standards. It received 14 provincial and municipal science and technology progress awards and 2 industry association awards.

• The Company developed a ductile iron material with ultra-low-temperature performance for ultra-high-power offshore wind turbine hubs, significantly improving the safety factor of hubs used in China's Three-North region. The structural design was optimized to reduce weight, and the project's overall technology reached an internationally advanced level, enhancing the Company's core competitiveness.

- The Company developed a 100-metric tons spent fuel transport/storage container, reaching internationally advanced technical standards, breaking long-standing foreign monopolies, and helping elevate China's position in the global nuclear energy sector.
- It carried out research and testing on composite chill blocks, extending service life and optimizing cooling performance, greatly reducing chill block costs.

The Company applied cold dry air technology, promoting the development of new-quality productive forces through R&D and innovation.

Reducing energy costs to achieve green manufacturing

By using relatively dry, room-temperature high-pressure gas, energy loss is significantly reduced, lowering overall energy consumption.

Saving human resources and improving workplace safety

Highly automated and easy to operate, reducing training time and costs and minimizing the risk of human error

Freeing up crane resources

Releases crane resources previously occupied by hot air blower hoisting, improving the flexibility and efficiency of the entire production line.



#### **Intellectual Property Protection**

The Company adheres to the principle of "generating patents through projects and applying patents in practice", and has formulated a series of systems, including the Incentive Measures for Intellectual Property Rights, the Trade Secret Protection Policy, the Patent Management System, the Copyright Management System, the Measures for the Administration of Intellectual Property, the Intellectual Property Risk Reserve Fund Management System, the Intellectual Property Special Fund Management System, the Control Procedures for Intellectual Property Implementation, Licensing, and Transfer, the Intellectual Property Risk Management Procedures, the Contract Management Procedures, and the Intellectual Property Management Procedures for Sales and After-Sales, continuously improving its management structure. As of the end of 2024, the Company and one of its subsidiaries had obtained certification for the intellectual property management system.

	Intellectual Property Management Structure
R&D Center	Responsible for organizing and guiding the operation of the Company's intellectual property management system.
Office System Department	As the designated department for the task, it is responsible for the completion of the intellectual property protection framework and the management system, archiving documents and reporting infringement risk incidents, etc.
Legal Affairs	It is responsible for organizing and directing the Company's response to IP infringement risk and litigation.



Riyue Intellectual Property Management System Certificate



Rixing Foundry Intellectual Property

Compliance Management System Certificate



- Management and Maintenance: Establish an intellectual property log to centrally manage the Company's patents, trademarks, copyrights, etc. Pay related fees regularly to maintain the validity of intellectual property rights.
- Protection and Utilization: Strengthen IP protection, monitor market infringement activities, and take timely legal action to safeguard the Company's rights. Promote the transformation and utilization of intellectual property to maximize its value.
- ➤ As of the end of 2024, the Company owned a total of
- valid patent
- ➤ In 2024, the Company was granted
- granted 21 new pate

### **Digital Transformation**

Based on its development strategy and business needs, the Company, driven by technological innovation and focused on optimizing business processes, has carried out digital construction across all business areas under the overall coordination of its Digitalization Center, empowering the development of an efficient management system and promoting high-quality growth. As of the end of 2024, the Company obtained the integration of informatization and industrialization management system certification by China Classification Society.

The Company has consistently adhered to a digital transformation path of "planning first, management reform, platform-based foundation, and empowerment for efficiency improvement". Through the dual drivers of optimizing the business management system and building information systems, it promotes the comprehensive implementation of its strategic goals through digital transformation. In 2024, the Company steadily advanced digital transformation in management and production, achieving significant results.



Rixing Foundry Integration of Informatization and Industrialization Management System Certification by China Classification Society

#### **SAP Integrated Project Construction**

The Company built a management platform integrating operations and finance, promoted standardized construction of processes and internal controls, accelerated full deployment of the ERP system, sped up the cultivation of interdisciplinary digital talents, and achieved data valorization, process capability, system clustering, lean operations, and integrated operations and finance, thereby improving the quality and efficiency of its management system.



#### **SRM Procurement System Construction**

By building the SRM platform, the Company has achieved the matching and information sharing of logistics, information flow, and capital flow in supplier management, sourcing, order execution, and financial reconciliation processes, comprehensively improving supply chain management and monitoring capabilities, enhancing supply chain control, and improving overall supply chain operation efficiency.



#### SRM Project Acceptance and Commendation Conference Held by the Company

In September 2024, the Company held the SRM Project Acceptance and Commendation Conference to promote the digital upgrade of procurement management.



#### **EHR Project Construction**

To enhance management efficiency, realize human resource management goals, and optimize employee full life cycle management, the Company launched the EHR project to effectively support digital development in the HR field.



#### **EHR Project Officially Launched**

In September 2024, Riyue launched the EHR (Human Resource Digitalization) project to advance the upgrade of its HR system and strengthen digital talent management capabilities.



#### **RPA Digital Workforce**

The Company continues to enhance the digital and intelligent transformation of production management by developing and deploying robots across operations, production, sales, finance, and procurement, significantly saving manpower.



#### **FOM Intelligent Manufacturing**

The Company continues to advance intelligent manufacturing, promoting the rollout of the FOM system in all production facilities to improve the quality and efficiency of production management.



# I Valuing Human Resources



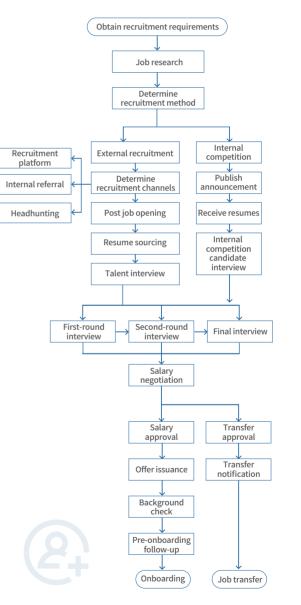
The Company adheres to a people-oriented approach, focusing on creating a harmonious and pleasant workplace, actively implementing fairness and justice in employee recruitment and management, paying close attention to employees' well-being, enforcing labor protection, and safeguarding employees in all aspects to jointly create a better future.

### **D**

#### **Employee Recruitment**

The Company complies with the Labor Law of the People's Republic of China and has formulated a Recruitment Management System, which clearly defines recruitment procedures and standards to ensure fairness and transparency. Upholding the principles of equal competition and merit-based selection, the Company determines final hiring decisions through comprehensive evaluation of candidates' skills, experience, and potential. The Company firmly opposes all forms of discrimination, including but not limited to gender, ethnicity, and age, ensuring every candidate has a fair opportunity.





Riyue Heavy Industry Co., Ltd. 2024 Environmental, Social and Governance (ESG) Report

The Recruitment Management System explicitly requires avoiding any discriminatory terms. Job advertisements are published through labor markets and other channels. Valid ID verification is mandatory to confirm actual age, ensuring that new hires are at least 18 years old and preventing the employment of underage workers through falsified age documents. Candidates unable to provide valid identification are not eligible for hiring. No discriminatory behavior is allowed during recruitment based on race, social class, nationality, religion, disability, gender, sexual orientation, union membership, or political affiliation. Any form of discrimination against female workers, particularly pregnant women, is prohibited.

The Company actively expands its talent pool and continuously improves talent structure through campus recruitment, social recruitment, and internal recruitment.

- · Campus Recruitment: Establishes long-term, stable partnerships with numerous universities and attracts top talent through a variety of campus events.
- · Social Recruitment: Widely sources talent from various fields through online platforms, job fairs, and cooperation with headhunting agencies.
- Internal Recruitment: Enhances internal recruitment mechanisms, allowing employees to browse and apply for open internal positions via the internal recruitment platform. The Human Resources Center recruitment officer conducts initial communication and arranges follow-up interviews.



#### **Campus Recruitment at Jiamusi University**

The Company established in-depth cooperation with the School of Materials Science and Engineering at Jiamusi University. Through campus job fairs and presentation events, the Company shortened the recruitment cycle and attracted a large number of fresh graduates with matching specialties.



Indicator	Unit	2024
Total number of employees	person	4,747
	By gender	
Male	person	3,729
Female	person	1,018
By age		
30 and below	person	1,233
31-50	person	2,756
Over 50	person	758

The Company emphasizes identifying HR management risks, thoroughly analyzes the reasons behind employee turnover, and formulates targeted measures to mitigate retention risks. Each year in June and December, the Company conducts employee satisfaction and happiness surveys and formulates improvement plans to boost employee satisfaction levels. Survey results show that both employee satisfaction and happiness levels are relatively high.

For labor disputes, the Company handles labor conflicts in accordance with relevant laws, regulations, and internal rules, adhering to principles of fairness and justice.



#### **Employee Rights and Interests**

The Company has formulated a Compensation Management System to ensure the compensation structure is compliant, fair, and reasonable. Employee compensation includes fixed pay, monthly performance-based pay, and annual performance bonuses. For critical positions that are scarce in the market or senior personnel the Company seeks to attract or retain, a contractual pay system is applied. The Company also pays social insurance, housing provident fund, and enterprise annuity for employees in accordance with the law, and has established a relatively comprehensive employee benefits and security system. The Company provides various benefits, including meal allowances, housing subsidies, holiday gifts, birthday benefits, summer heat subsidies, communication and fuel card support, and free shuttle buses, enhancing employees' sense of satisfaction. Employees enjoy various paid leave, including statutory holidays, marriage leave, home leave, bereavement leave, maternity leave, sick leave, and injury leave that law stipulates. In addition to statutory annual leave and regular personal/sick leave, the Company has added paternity leave, home visit leave, and other types of time off.



### **Employee development**

#### **Promotion and Development**

The Company offers personalized career path planning for employees, clearly defining the development stages and required skills for different paths. The Company has formulated a Job Grade Management System and Management System for Cadres, clarifying development pathways and management systems for employees and managers. Based on business needs, job responsibilities, and employees' capabilities and experience, the Company classifies staff into different sequences, grades, and job levels, and uses various methods to promote and select employees, ensuring smooth transitions between development

The Company follows the principle of "distribution according to work, efficiency first, fairness considered". Based on employee performance, growth, and market pay levels, the Company regularly adjusts job grades, positions, and compensation to ensure alignment with employee contributions and performance, and implements diverse incentive schemes to stimulate motivation and creativity.

#### **Employee training**

The Company pays attention to the development of its employees, providing a diversified career development platform for all types of employees to continuously discover their potential. The Company has developed a Training Management System, established training mechanisms and a mentorship system, and promotes job rotation and temporary assignments to broaden employee perspectives and experience, enhancing overall quality and adaptability.



- New employee training
- Pre-job training for various positions.
- On-the-job work skills and related safety training.
- Job skills training: To learn about standard operation procedure, performance of the equipment used, operating instruction, environmental protection knowledge, safety issues and emergency response measures, with written and operational assessments required before being allowed to start work.
- Special job roles must undergo training provided by qualified institutions, and individuals may only assume duties independently after obtaining a valid "work permit".
- · Internal auditor training for quality, health, environment, occupational health and safety, intellectual property, energy management, and the integration of informatization and industrialization management system must be conducted by certified
- Each work unit may contact and register for job-related training according to their actual needs and make relevant reports.

Riyue Heavy Industry Co., Ltd. 2024 Environmental, Social and Governance (ESG) Report



#### "Skill Upgrade" Training Activities Launched

In July 2024, the Company launched its "Skill Upgrade" training initiative. Through theory-based learning and practical courses, it improved instructional design and presentation skills to promote internal knowledge inheritance and standardization.





#### Company Launches the "Spark Plan"

In July 2024, the Company launched the "Spark Plan" talent cultivation program to comprehensively advance talent development in all-media communication and content innovation, further enhancing its talent development system and talent pipeline.





Indicator	Unit	2024
Coverage of employee training	%	100
Number of employee training	time	1,604
Total training expenditure in the year	RMB 10,000	51.59
Total length of training in the year	hour	16,918.49



#### **Employee Care**

The Company is attentive to employee assistance needs, actively organizes cultural and sports activities, and strives to enhance employees' sense of belonging and happiness, further improving corporate cohesion. In 2024, the Company allocated RMB 110,000 to support employees in need, helping them address work and life difficulties while strengthening their sense of belonging.



#### Company Organizes Long-distance Trekking Activity

In June 2024, the Company organized a 19 km long-distance trekking activity, focusing on strengthening employee cohesion and willpower. Through team collaboration and interaction with nature, the event demonstrated the spirit of perseverance: "Keep pushing forward, and you will succeed".



Case

#### **Company Organizes Rainbow Run Event**

In November 2024, on the occasion of the Company's 40th anniversary, it held the "40 Years of Vibrant Footsteps: Rainbow Run Celebration". Through the rainbow run, interactive activities, and celebratory events, the Company enhanced team cohesion and the spirit of perseverance.





### **Employee Health and Safety**

The Company attaches great importance to employee health and safety. It has formulated a series of workplace safety and occupational health management systems, including the Workplace Safety Department Management Manual, Safety Inspection and Hazard Identification and Rectification System, Hazard Identification, Risk Assessment and Risk Control Procedures, Work Injury Accident Reporting, Handling and Management System, and the Quality, Environment, and Occupational Health and Safety Management Manual. These systems clearly define the responsibilities of top management and each functional department, providing solid protection for employee health and safety.

By the end of 2024, the Company and three of its subsidiaries had obtained certification for the occupational health and safety management system.



Riyue Occupational Health and Safety Management System Certificate



Gansu Riyue Occupational Health and Safety Management System Certificate



Mingling Technology
Occupational Health and Safety
Management System Certificate



Rixing Foundry
Occupational Health and Safety
Management System Certificate

#### **Strategy**

The Company adheres to the workplace safety policy of "safety first, prevention foremost, and comprehensive management". It carries out safety hazard inspections and occupational disease prevention in accordance with its systems, striving to establish a standardized and long-term mechanism for workplace safety. Centered on a people-oriented approach, it continuously improves safety management in all aspects to safeguard employee health.

#### **Influence, Risk and Opportunity Management**

In terms of workplace safety management, the Company enforces a strict workplace safety responsibility system, requiring all employees to sign environmental protection and safety responsibility agreements at every level. Following the principle of "shared responsibilities between the Party and government, dual responsibilities for one post, joint management, and accountability for dereliction", it ensures responsibilities are effectively implemented. The Company actively fulfills its supervisory responsibilities by promoting the "7S" visual management model on-site and implementing team-based safety management. Monthly safety and environmental protection meetings and daily team briefings are held to promptly monitor workplace safety conditions and embed the concept that everyone is responsible for workplace safety. A reward and penalty system is in place, reinforcing education for personnel involved in "three violations" and strictly controlling such behaviors.

Regarding safety hazard investigations, the Company conducts annual hazard identification and risk assessment of operational sites as required by regulations. It also performs comprehensive safety hazard identification and rectification, including special inspections on equipment, electrical facilities, hazardous chemicals, and flammable and explosive areas. Identified hazards are addressed with risk classification and control measures, with deadlines for rectification and ongoing follow-ups to ensure implementation. Employees' abilities to identify hazards and self-protect are enhanced, and accident risks are promptly eliminated. For handling safety incidents and work injuries, the Company upholds the "Four No-Pass" principle and has implemented a quantifiable assessment mechanism to strengthen the responsibilities and evaluation of safety managers. Emergency response plans and specialized contingency plans have been developed. The Company pays work injury insurance premiums for employees and has formulated the Guidelines for Emergency Handling of Safety Accidents, which clearly define the procedures and departmental responsibilities for dealing with work injuries, enabling orderly rescue operations, incident investigation, and responsibility identification.

In terms of occupational health management, the Company places great emphasis on employee well-being and has established employee health records and full-process risk prevention and control measures from onboarding to offboarding.

At the time of onboarding:

Labor protection supplies such as safety shoes, hard hats, and uniforms are issued to employees. Employee health checkups are uniformly arranged.

During employment:

Annual occupational health checkups are arranged for employees. Frontline workers and those in high-risk positions (including outsourced personnel) are examined once a year.

Employees in second-line positions have health checkups every two years.

Employees' health records are maintained, and follow-up examinations and diagnoses are promptly provided for those with abnormal results.

At the time of offboarding:

Offboarding employees are informed to undergo an exit health checkup.

Regarding safety culture cultivation, the Company takes advantage of the national "Workplace Safety Month" to promote safety culture and provide training to raise employee awareness of occupational safety.



#### **Safety Management Capacity Enhancement Training**

In December 2024, the Company held a training program to enhance safety management capabilities. The program not only improved safety management knowledge and skills but also helped refine company safety management systems and processes, advancing the Company's overall safety governance.



#### **Indicators and Targets**

In 2024, the Company actively advanced its workplace safety and occupational health management. Its subsidiary, Rixing Foundry, obtained the "Level III Enterprise in Workplace Safety Standardization (Machinery)" certificate.

Indicator	Unit	2024
Number of major safety incidents	_	0
Workplace safety investment	RMB 10,000	1,927.43
Total duration of safety training	hour	1,542.45
Attendance of safety training	attendance	18,082
Safety training coverage rate	%	100
Investment in occupational injury insurance for employees	RMB 10,000	5.12
Coverage of occupational injury insurance	%	100



Third-Level Enterprise of Workplace Safety Standardization (Machinery)



# I Strengthening Quality Management



The Company regards product quality and customer service as the core drivers of corporate development. It has established and continuously improved a sound quality management system and customer feedback mechanism, constantly enhancing customer satisfaction and loyalty while solidifying its leading position in the industry.



### **Quality management**

#### Governance

The Company has formulated and strictly implemented various management regulations, including the Review and Control Procedures for Product-related Requirements, the Control Procedures for Production and Service Provision Processes, the Acceptance Procedures for Incoming Raw and Auxiliary Materials, the Nonconforming Product Control Procedures, the Monitoring and Measurement Control Procedures for Raw and Auxiliary Materials and Cast Products, the Management Procedures for Casting Quality Inspection, the Control Procedures for New Product Development, the Control Procedures for Non-conformities, the Corrective and Preventive Measures, and the Continuous Improvement Control Procedures. These systems clearly define the quality management structure and responsibilities, enabling quality improvements across processes, products, and management systems. As of the end of 2024, the Company and five of its subsidiaries have obtained ISO 9001 Quality Management System certification. The Company has also received factory certifications from Bureau Veritas (France) under MODE II, DNV (Norway), ClassNK (Japan), CCS (China Classification Society, China), ABS (USA), and the National Military Standard (GJB) Quality Management System certification.

Quality and Safety Accountability System		
Top Management	Formulate the Company's quality strategic direction	
Director of Quality & Safety Center	Formulate quality policies and quality objectives	
Quality Management Personnel	Strengthen the process quality system and quality process control, organize quality analysis, corrective actions, and improvements, and implement the quality and safety accountability system	
Personnel of Quality and EHS Systems	Take the lead in organizing the development of quality and EHS management system documents, product quality inspection systems, and quality inspection standards; regularly carry out system promotion activities	
Product Inspection Personnel	Operate in accordance with quality inspection standards and fulfill the quality and safety accountability system	
Production personnel	Operate according to the work instruction manual and fulfill the workplace safety accountability system	



Riyue Quality Management System Certificate



Gansu Riyue Quality Management System Certificate



Precision Manufacturing Quality Management System Certificate



Mingling Technology Quality Management System Certificate



Rixing Foundry
Quality Management System Certificate



Riyi Intelligent Quality Management System Certificate



Riyue Manufacturer Certificate - BV MODE II SCHEME



Riyue National Military Standard (GJB) Quality Management System



Riyue Manufacturer Certificate - DNV



Riyue Manufacturer Certificate - ClassNK



Riyue Manufacturer Certificate - Lloyd's Register



Riyue Manufacturer Certificate - China Classification Society



Riyue Manufacturer Certificate - ABS

#### **Strategy**

The Company consistently adheres to the quality policy of "meticulous management, continuous innovation, commitment to promises, continuous improvement, enhancing the "Riyue" brand, and improving customer satisfaction". It builds a rigorous quality control system, scientifically responds to quality risks in accordance with procedures, continuously promotes quality informatization, fosters a company-wide quality awareness, and cultivates a quality culture, while properly handling product issues to safeguard the Company's reputation and customer interests. The Company has established the Procedures for Risk and Opportunity Control, which clearly defines quality information, quality risk assessment (including risk identification, analysis, and evaluation), quality risk response, quality supervision and inspection, quality communication, and record management.

#### Influence, Risk and Opportunity Management

In terms of quality supervision and control, the Company conducts full life cycle inspections of its products, covering all stages from raw and auxiliary materials, semi-finished products, and finished products to the production process and shipment of finished products. It analyzes and investigates the root causes of non-conforming products, implements effective corrective measures, and continuously strengthens quality control. The Company enhances quality control at each stage of new product casting and old product redesign, organizes process reviews and trial production, and strengthens the quality control of new products. Monthly quality review meetings are held to enhance quality supervision. The Company also deepens supplier quality management by conducting audits of supplier quality management systems and processes according to plan and regularly evaluates their performance.

**In terms of quality information management,** the Company has established the Quality Information Control Procedures to ensure improvements in managing internal and external quality information collection, transmission, processing, quality correction and prevention, and continuous improvement.

**In terms of quality culture construction,** the Company organizes an annual Quality Culture Month. It enhances company-wide quality awareness through pre-shift meetings and internal network sharing of quality information.





To address quality incident events, the Company has established a sound product recall system and process, clarifying the responsibilities of each department.



- Communicates with customers and relays the information to the Product Assurance Section.
- Coordinates personnel to confirm product quality status.



- Upon confirmation of a return, arranges a logistics company to transport the goods back.
- •After the product is returned, confirms the return status, product, and quantity based on the customer's return information. Once verified, the returned goods are relocated, labeled, and isolated in a designated area.



• Re-inspects and analyzes the returned product issues, records the problem details, organizes relevant departments for review, and determines the handling method.

#### **Indicators and Targets**

In 2024, the Company did not experience any major liability incidents related to product or service safety and quality, nor were there any product recalls due to quality issues. Its subsidiary, Rixing Foundry, received a Best Quality Award and a "5A"-level rating in quality credit evaluation.



#### **Customer Service**

The Company attaches great importance to customer experience. It has developed the Measures for the Administration of New Product Quotation, Sales Business Management Procedures, Measures for the Administration of After-sales Services, Measures for the Administration of Customer Services, NC Handling Control Process, Customer Satisfaction Evaluation Procedures, and Customer-related Process Control Procedures to standardize customer service content and enhance the customer service experience.

Pre-sales Service	<ul> <li>Carries out product promotion through advertisements and face-to-face introductions, presenting the Company's background, product features, performance advantages, and suitable application areas.</li> <li>Conducts visits to understand customer needs and provides targeted services accordingly.</li> <li>Organizes mutual visits between relevant departments to conduct technical and quality exchanges.</li> </ul>
In-sales Service	<ul> <li>Before signing the contract, explains the commercial terms to the customer, clarifying the rights and responsibilities of both parties.</li> <li>Provides qualified products and required accessories and reports to the customer in accordance with the customized contract and technical agreement.</li> <li>If the contract stipulates that transportation shall be handled by the sales company, it arranges the transportation during product shipment and delivery, ensures the quality of packaging and transportation, and helps customers save on shipping costs.</li> </ul>
After-sales service	<ul> <li>Conducts customer follow-ups to understand product quality and usage, as well as customer business conditions, to facilitate timely countermeasures. If a quality issue arises during the process, sales personnel should promptly coordinate and arrange services.</li> </ul>

Customers can directly communicate their complaints or feedback to the respective after-sales personnel via telephone, email, or other communication channels. After receiving a complaint, the relevant after-sales personnel adjust the solution based on the specific situation and actual needs of the customer. The Company categorizes complaint events based on urgency to ensure that each complaint is addressed in a timely and effective manner, maximizing customer satisfaction with reasonable demands.

The Company values customer feedback and conducts customer satisfaction surveys, collecting and analyzing satisfaction data across six areas: product quality, delivery, coordination, pricing, service, and loyalty, to help the Company accurately identify and focus on customer needs and expectations.

2024

> the customer satisfaction score was

> the complaint resolution rate was

Indicator	Unit	2024
Complaint resolution rate	%	100
Customer Satisfaction	%	91.27



#### Protection of Customers' Information and Privacy

The Company places great emphasis on information security and customer privacy protection. It guided Rixing Foundry in formulating the Backup and Recovery Management System, Computer and Network Use Regulations, and Computer Room Management System, among others, to ensure the secure operation of computer systems, email systems, file systems, and networks, and to protect the rights and interests of the Company and its users, preventing the leakage of company documents. The Company strengthens the operation, maintenance, and management of computer systems and networks to ensure their secure, reliable, and stable operation, and comprehensively enhances customer information and privacy protection efforts, effectively safeguarding the Company's reputation and customer interests.

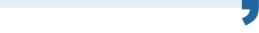




# | Consolidating Supply Chain Management



The Company continuously strengthens supply chain management by optimizing supplier cooperation, enhancing risk control, improving supply efficiency, and building a stable, efficient, and sustainable supply chain system to lay a solid foundation for steady business development.



### Governance

The Company has formulated the Supplier Lifecycle Classification Management Specification, the New Supplier Admission Management Procedures, the Supplier Performance Management Procedures, the Supplier Status Classification Management Procedures, the Supplier CSR Management Procedures, the Procurement Bidding Management Procedures, the Raw and Auxiliary Materials Procurement Management Procedures, and the Outsourced Processing Procurement Management Procedures, among other systems. These clearly define supplier management practices, improve supplier management frameworks, clarify functional responsibilities at each level, and ensure more efficient and professional division of labor and collaboration, promoting refined operations.



The Company always adheres to closed-loop supplier management and a robust supply chain layout. It establishes sound institutional systems and management frameworks, and is committed to promoting the sustainable development of the entire supply chain, strengthening dynamic evaluation of suppliers' environmental and social performance to build supply chain resilience

Throughout the full life cycle, the Company identifies potential risks of suppliers in legal, operational, financial, technical, quality, and delivery aspects, clarifies the identified risks, and evaluates each risk in terms of severity, frequency, and detectability, then formulates corresponding solutions (preventive measures).

### Influence, Risk and Opportunity Management

In terms of supplier management, the Company has clearly defined supplier management mechanisms, actively promotes supplier digitalization, and facilitates the development of an interactive platform to enhance the effectiveness of supplier management.

Supplier Sourcing	• It conducts sourcing evaluations for potential suppliers, assessing their business qualifications, and environmental impact of production activities.
Access of Suppliers	• It sets supplier admission criteria and carries out qualification reviews and on-site evaluations based on capability levels in qualification, development, technical expertise, and quality management.
Evaluation of Suppliers	<ul> <li>Annually it evaluates supplier performance through on-site audits and document reviews in terms of supply quality, delivery, cost, service, and technical capability.</li> <li>Suppliers failing the annual review are classified as high-risk suppliers and subject to management controls. After a three-month rectification period, re-evaluation is conducted. Suppliers who fail the re-evaluation are directly downgraded to eliminated suppliers.</li> </ul>
Supplier Tiered Classification Management	<ul> <li>Based on evaluation results, suppliers are classified into four levels: A, B, C, and D. D-level suppliers are required to rectify within a deadline; if unable to meet company requirements, they are listed as eliminated suppliers and cannot be re-engaged within one year.</li> <li>Suppliers are categorized annually into strategic, cooperative, contractual, and general transaction types based on the importance of strategic materials and supplier dependency. Supplier development strategies are formulated based on comprehensive supplier performance.</li> </ul>



#### **Mold Supplier Interaction Platform Launched**

In November 2024, the Company launched a mold supplier interaction platform to improve compliance in mold manufacturing and process control and promote digital development in supplier management.

- Process Quotation Document Inquiry: Enables all demand departments to query process documents used for quotations, facilitating unified documentation and restricting suppliers' access to ensure customer data security.
- •Mold Manufacturing Progress Inquiry: Allows for checking the progress of all molds under development to facilitate progress control and document collection during new product development.
- •Online Communication and Interaction: The platform provides real-time information transfer, task publication, and auto-notifications via Lark/email, allowing both parties to communicate at any time, solve mold development issues promptly, improve communication efficiency, and reduce errors. All communication records are traceable.
- •Supplier Bulletin Board: Open to all mold suppliers, it is used to publish notifications, standard updates, and changes to management systems.
- •Mold Suggestion Collection Form: Collects feedback and suggestions regarding mold manufacturing and use from across the Company. Any issues or concerns encountered during mold manufacturing and production can be submitted via the platform by both internal staff and suppliers.

Indicator	Unit	2024
Number of suppliers by geographical region	_	874
Number of suppliers from the Chinese mainland	_	868
Number of suppliers from Hong Kong, Macao and Taiwan, China	_	1
Number of suppliers from foreign countries	_	5

In terms of responsible supply chains, the Company integrates supplier sustainability into procurement processes and management, focusing on supplier social responsibility, energy conservation, emissions reduction, and anti-corruption. The Company enhances supplier awareness of social responsibility and carbon reduction through training, and requires suppliers to sign the Supplier Integrity Agreement to promote sustainable development across the supply chain.

In supply chain risk response, the Company has established a comprehensive risk response mechanism to minimize the negative impact of risks on the Company.

Supply Chain Risk Response Mechanisms and Measures		
Risk Avoidance	•For highly probable and significantly impactful risks (e.g., geopolitical risks affecting supply), the Company may switch suppliers to avoid sourcing from certain regions.	
Risk Reduction	<ul> <li>For risks that cannot be fully avoided, measures are taken to mitigate their impact.</li> <li>Sign long-term contracts with suppliers to lock in raw material prices and reduce price fluctuation risks.</li> <li>Establish safety stock to cope with short-term supply interruptions.</li> </ul>	
Risk Transfer	•Transfer part of the risk to insurance companies by purchasing insurance, such as transport insurance to cover losses during shipment; or clarify risk responsibilities in contracts to transfer risk to partners.	
Risk Acceptance	•For risks with low probability and minor impact (e.g., occasional small-scale logistics delays), continuous monitoring is conducted.	

The Company actively promotes collaboration with suppliers to build a more resilient supply chain. As a leading enterprise in the casting industry chain, the Company collaborates with domestic riser R&D and manufacturing enterprises to conduct key research and joint problem-solving on core wind power casting product processes, promoting breakthroughs in domestic substitution for certain imported risers, thereby enhancing the core competitiveness of the industry chain and supply chain security level.



#### Indicators and Targets

In 2024, the Company made every effort to build a supply chain ecosystem, actively leveraging its platform advantages and encouraging suppliers with positive values and strong innovation and development ambitions to grow together with the Company. In 2024, the Company conducted 28 on-site supplier audits and found no zero-tolerance issues such as child labor or forced labor. The signing coverage rate of the Supplier Integrity Commitment Letter reached 100%. In the future, the Company will continue to introduce and cultivate high-quality supplier partners to gradually realize healthy competition and a virtuous cycle within the supply chain ecosystem.

# **I Spreading Social Warmth**



The Company places great emphasis on fulfilling its social responsibilities. It has formulated the External Donation Management System and the Volunteer and Public Welfare Activity Management System to strengthen donation management and encourage employees to actively engage in public welfare activities, thereby fulfilling the Company's social responsibilities. In 2024, the Company actively participated in public welfare activities and organized donations totaling RMB 1.09 million.

Meanwhile, the Company vigorously promoted public science education to bring technology into schools, injecting fresh vitality into campus innovation and sowing the seeds of science for future talent development.





#### Company Conducts Public Science Education

In June 2024, under the theme "Igniting Dreams with Technology, Building the Future Together", the Company held science education activities to enhance students' scientific literacy and promote their overall development.



The Company is committed to leveraging its strengths to support local community development and promote regional economic growth. In 2024, the Company made localized purchases of over RMB 350 million for mold and product processing services, helping more than eight local enterprises expand production capacity and creating over 120 new jobs. The Company actively responded to the call for rural revitalization, investing RMB 10.2 million throughout the year to support rural assistance efforts.



# **I Optimizing the Governance System**



Guided by the Party's advanced ideology, the Company thoroughly implemented the requirements of Party building, refined governance structures, and provided a solid guarantee for high-quality development and greater social value creation.

"

### **(b)**

#### **Leading Role of Party Building**

The Company has consistently adhered to Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era and deeply implemented the principle of "maintaining the two consistencies". Emphasizing theoretical learning, political and ideological development, and the fulfillment of political responsibilities, the Company continuously enhanced the political judgment, comprehension, and execution capabilities of the central Party organization and its members. It strengthened the Party organization's functions of "setting direction, managing the overall situation, and ensuring implementation". Party building efforts steadily advanced, ensuring the Company maintains the right development path and scientific, democratic decision-making.

The Company steadily promoted the development of Party branches through activities such as "Three Meetings and One Lecture", themed Party Days, and Party-building brand enhancements. As of the end of 2024, the Company had 81 Party members across subsidiaries, conducted 28 Party Day events, and established over 10 exemplary Party posts, assault teams, and Party member task forces in major projects and tasks.



#### "Retracing the Long March, Honoring Our Original Aspiration" Party Building Event

In June 2024, the Company organized a Party Building Event themed "Retracing the Long March, Honoring Our Original Aspiration". By revisiting Red history and reaffirming the oath of Party membership, participants deeply learned from the great spirit and enhanced their sense of mission.

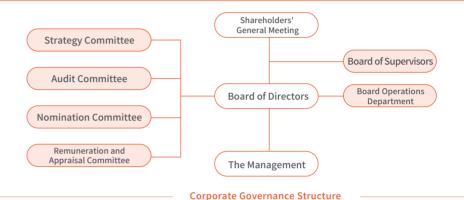


The Company firmly upholds the leadership of Party building in driving enterprise development and integrates Party-building work into production and business activities. Through strengthening the Party member team and advancing corporate culture, it continuously enhances the Company's core competitiveness and market influence.



# The General Meeting, the Board of Directors, the Board of Supervisors, and the Management

The Company has established and keeps improving the corporate governance structure where the General Meetings of Shareholders act as the governing body, the Board of Directors serves as the decision-making body, special committees of the Board of Directors provide decision-making support, the management executes decisions, and the Board of Supervisors oversees operations. With all rights and obligations clearly delineated, the General Meetings of Shareholders, Board of Directors, Board of Supervisors, and the management perform their respective duties and responsibilities, coordinate with each other and maintain checks and balances.



#### **Board of Directors**

The Board of Directors is the Company's permanent decision-making body and is accountable to the General Meeting of Shareholders. The Board of Directors consists of nine members, including six non-independent directors and three independent directors, with one chairman.

The Company has established four specialized committees under the Board of Directors: the Strategy Committee, the Audit Committee, the Nomination Committee, and the Remuneration and Appraisal Committee. These committees research professional matters and provide expert recommendations to support the Board of Directors decisions. All committee members are directors. In 2024, the Company held seven meetings of the Board of Directors and reviewed and approved 38 proposals; it also held one meeting of the Strategy Committee, six meetings of the Audit Committee, one meeting of the Nomination Committee, and three meetings of the Remuneration and Assessment Committee.

Indicator	Unit	2024
Number of Directors in the Board of Directors	person	9
Male	person	7
Female	person	2
Number of Independent Directors	person	3

Directors are elected or replaced by the General Meeting of Shareholders. The term of office for directors is three years, and upon expiration, they may be re-elected for consecutive terms. A director may concurrently serve as the General Manager or other senior management personnel, but the number of directors concurrently serving as General Manager or other senior executives, together with those serving as employee representatives, shall not exceed half of the total number of directors of the Company. The General Meeting of Shareholders may adopt a cumulative voting system for the election of directors.

#### **Board of Supervisors**

The number and composition of the Company's Board of Supervisors comply with relevant laws, regulations, and the Articles of Association. The convening and procedures of the Board of Supervisors strictly comply with the Company Law, the Articles of Association, and the Company's Rules of Procedure for the Board of Supervisors. Supervisors diligently fulfill their duties, acting in the spirit of responsibility to the Company and all shareholders. They lawfully and independently supervise the Company's finances and the legality and compliance of the performance of directors and senior management.

The Board of Supervisors comprises three members, with one serving as the Chairman. The Company's supervisors include both shareholder representatives and employee representatives, with one employee representative. The Company held 7 meetings of the Board of Supervisors in 2024.

Each term of office for supervisors is three years. Supervisors representing shareholder representatives shall be elected or replaced by the General Meeting of Shareholders, while those representing employee representatives shall be democratically elected or replaced by the employees of the Company. Supervisors may be re-elected upon expiration of their term.

#### **The Management**

The Company has one general manager, appointed or dismissed by the Board of Directors. The Company's senior management strictly implements resolutions of the Board of Directors in accordance with national laws, regulations, and corporate governance systems, and performs their duties with loyalty and diligence.

#### **Compensation of Directors, Supervisors and Management**

Directors' compensation proposals are made by the Board of Directors, and supervisors' compensation proposals are made by the Board of Supervisors. These are implemented upon review and approval by the General Meeting of Shareholders. The Company formulates compensation plans based on the specific responsibilities, roles, and performance of directors, supervisors, and executives. Actual payment is linked to organizational and individual performance. Independent directors receive an allowance and no other remuneration; external supervisors not affiliated with the actual controller's enterprise system receive a supervisor allowance.



# I Investor Relations Management



The Company is committed to building close, harmonious, and mutually beneficial relationships with investors to support its long-term development.



#### **High-Quality Information Disclosure**

The Company has established systems such as the Information Disclosure Management System and Internal Reporting System for Significant Information to fulfill all information disclosure obligations in accordance with laws and regulations, ensure that all disclosures are truthful, accurate, complete and timely, and guarantee that investors have equal access to company information. In 2024, the Company continued to strengthen the management of information disclosure affairs, timely and lawfully fulfilled its disclosure obligations, ensuring full and proper disclosure.

In 2024, the Company proactively released 135 public disclosure documents, including four periodic reports, 80 interim announcements, and 51 other online documents, enabling investors to fully and accurately understand the Company's operations and make well-informed investment decisions.



#### **DD**

#### **Investor Relations Management**

The Company has formulated an Investor Relations Management System, improved investor protection mechanisms, and strengthened communication with current and potential investors to establish long-term, stable, and positive relationships. The Board Office is responsible for investor relations management, with designated personnel handling daily tasks. The Company has established a sound internal information management mechanism and a unified information platform. Departments work collaboratively to support investor relations.

The Company actively updates its website and WeChat account, and strengthens investor communication through platforms like Shanghai Stock Exchange E-interaction, investor hotlines, emails, on-site research visits, and performance briefings, attentively listening to investor feedback.

In 2024, the Company held 3 performance briefings, 19 investor meetings, responded 27 times on online platforms, and participated in investor interactions with a cumulative total of 275 institutions and 439 individual investors.

Indicator	Unit	2024
Performance presentation	time	3
Number of investor exchanges	time	19
Number of investors received	attendance	439
Number of platform responses	time	27
Number of investor calls answered	time	399



### **Protecting Shareholders' Rights and Interests**

The Company strictly complies with national laws and the Rules of Procedure for the General Meeting of Shareholders when convening General Meetings of Shareholders, ensuring shareholders can exercise their voting rights according to law.

- General Meetings of Shareholders are held on-site, with online voting or other options available to facilitate participation.
- Shareholders attending meetings have the right to speak on each agenda item. Except for matters involving commercial secrets, directors, supervisors, and senior management provide explanations in response to shareholder inquiries at the General Meeting of Shareholders.
- For significant matters affecting minority shareholders, separate vote counting is conducted and results disclosed promptly.
- For related-party transactions, related shareholders are required to recuse themselves.
- For elections involving two or more directors or supervisors at the General Meeting of Shareholders, a cumulative voting system is used.
- •All agenda proposals are voted on individually; for multiple proposals on the same matter, voting follows the order in which they were submitted.

In 2024, the Company convened one annual general meeting and two extraordinary general meetings, at which 13 proposals were reviewed and approved, with a 100% attendance rate by the directors.

The Company actively monitors capital market developments, persists in creating value for shareholders, and continues to improve the shareholder return mechanism. We tried all efforts to reward investors actively through transparent, stable, and sustainable dividend distributions and performance growth, with the long-term interests of the Company, the overall interests of all shareholders and sustainable development taken into consideration.



#### National Investor Protection Publicity Day Event

The Company organized activities for the May 15 National Investor Protection Publicity Day, demonstrating its commitment to high-quality capital market development and implementation of investor protection with actual actions and enhancing investor satisfaction, sense of gain, and security.



# Company Conducts "World Investor Week 2024" Series Events - "Technology and Digital Finance" and "Sustainable Finance"

In October 2024, the Company launched a series of "World Investor Week 2024" events under the themes of "Technology and Digital Finance" and "Sustainable Finance". These efforts supported the implementation of the Third Plenary Session of the 20th CPC Central Committee, the Central Financial Work Conference, the new "Nine National Articles", and the China Securities Regulatory Commission's responsibilities.



# I Strengthening Internal Risk Control



The Company places great emphasis on risk internal controls, continuously optimizes the internal control system, ensures standardized and orderly business processes, builds risk management mechanisms, and accurately identifies, assesses, and responds to risks. It strictly complies with regulations and promotes lawful operations, establishing a solid foundation for sustainable development.



#### **Internal Control**

The Company strictly abides by regulatory requirements, the Company Law, the Articles of Association, and other applicable laws and regulations, and continuously improves its internal control management system, which centers on internal environment, risk assessment, control activities, information and communication, and internal supervision, to achieve comprehensive coverage, focused priorities, and effective control. It has clearly defined the roles and responsibilities of the Board of Directors, the Audit Committee, the Board of Supervisors, and the management in the internal control mechanism, and has established and continuously improved its internal control system. The Company has formulated the Internal Audit System, Internal Audit Workflow, Annual Audit Plan, and Internal Audit Manual, and conducts special audits, ad hoc audits, and exit audits for the Company and its subsidiaries in an orderly manner. It also continuously provides professional training and vocational education to develop a tiered internal audit talent pool to meet the Company's development needs.



#### **Risk Management**

The Company places high importance on risk management and consistently prioritizes the prevention of major risks. The Audit Committee of the Company's Board of Directors assesses operational risks, supports and urges the management team to improve its risk management. At the same time, the Company has clarified the roles and responsibilities of the Board of Directors, the Audit Committee, the Board of Supervisors, and the management in risk management work, established and continuously improved its risk management system, actively carried out risk control training, and strengthened risk management through multiple measures.

Each year, based on risks and opportunities in finance, operations, and compliance, the Company organizes departments and subsidiaries to identify and assess risks and opportunities in accordance with the Procedures for Risk and Opportunity Control, and compiles a Risk and Opportunity Evaluation Form.

The Company has not had any major risk incidents in 2024.



#### **Regulatory Compliance in Business Practice**

The Company attaches great importance to legal and compliant operations, formulates compliance inspection plans, conducts monthly compliance inspections, compiles a Compliance Inspection Nonconformity Follow-up Form, regularly follows up on rectifications, and conducts spot checks on key areas of compliance. Meanwhile, the Company conducts compliance training from time to time to cultivate a culture of compliance and enhance compliance management capabilities.



#### **Company Conducts Compliance Training**

From November to December 2024, the Company held a management training program titled "Application of Compliance in Management Systems" to empower the management team in strengthening their compliance capabilities.



#### Launch of Contract Template Knowledge Base

In October 2024, the Company established and launched a contract template library, including standard procurement contract templates, bidding-related contract templates, other contract templates, and human resources agreement templates, to standardize contract drafting and reduce legal risks caused by negligence or errors.

# **I Observing Business Ethics**



The Company actively builds a rigorous prevention and control system, integrating anti-corruption and anti-bribery efforts into all aspects of its operations, demonstrating its sense of responsibility through concrete actions.



### **D**

### Anti-commercial Bribery and Anti-corruption

The Company continuously revises and improves documents such as the Implementation and Management System for Integrity Supervision, the Whistleblower Management System, and the Code of Integrity for Procurement Personnel, standardizing anti-commercial bribery and anti-corruption efforts. It strengthens the supervision and management of positions and areas prone to corruption to ensure the effective implementation of anti-bribery commitments, and consciously resists unethical behavior such as seeking personal gain at public expense, breach of trust, and fraud, thereby establishing a good corporate image.

#### The Company has established an Anti-Corruption and Anti-Bribery Control Procedure, clearly stipulating:

- Personnel in key sections and positions are covered by a commitment system of commercial bribery prevention, with personnel at key positions signing an Integrity Commitment Letter for Procurement Personnel with the Company;
- •All customers, suppliers, service providers and contractors doing business with the Company must sign an Anti-Bribery Commitment Letter for Suppliers;
- The Company has established a Sunshine Feedback Platform internally;
- •Training and promotion of policies related to integrity are carried out.



#### **Anti-unfair Competition**

The Company places great importance on business ethics and is committed to establishing an honest and fair business environment. It strictly adheres to fair competition rules and has formulated an Integrity Management System to guide employees and related stakeholders (such as customers and suppliers) to act in accordance with the law and uphold honesty and integrity. The Company guided its subsidiary, Rixing Foundry, to formulate the Business Ethics Code Control Procedures, which specifies requirements concerning conflict of interest, acceptance of gifts, protection and utilization of company assets and intellectual property, and protection of whistleblowers.

# **I Key Performance Indicators**

### Environmental

	Indicator	Unit	2024
	Total water consumption	10,000 metric tons	135.26
	Fresh water consumption	10,000 metric tons	113.60
Water	Recycled water consumption	10,000 metric tons	21.66
	Proportion of recycled water consumption	%	16.01
	Water consumption intensity (based on revenue)	metric ton / RMB 1,000,000	806.89
	Energy consumption intensity (based on revenue)	metric ton / RMB 1,000,000	48.49
	Total energy consumption	TCE	375,098.66
	Bituminous coal consumption	metric ton	21,329.61
	Anthracite coal consumption	metric ton	60,945.30
	Coke consumption	metric ton	236,133.03
	Gasoline consumption	metric ton	10.59
	Diesel oil consumption	metric ton	686.62
	Natural gas consumption	10,000 m³	271.29
	Liquefied petroleum gas consumption	metric ton	95.48
Energy	Photovoltaic power consumption	TCE	1,607.38
	Outsourced electric power	10,000 kWh	64,980.51
	Outsourced heating power	GJ	29,475.62
	Fossil energy consumption (direct)	TCE	292,624.53
	Non-fossil energy consumption (direct)	TCE	1,607.38
	Purchased energy consumption	TCE	80,866.75
	Clean energy consumption	TCE	4,903.58
	Renewable energy consumption	TCE	1,607.38
	Proportion of non-fossil energy consumption	%	0.43
	Proportion of clean energy consumption	%	1.31
	Proportion of renewable energy consumption	%	0.43
	Discharge of wastewater	metric ton	83,877.5
	Discharge of industrial wastewater	metric ton	980.0
	Discharge of domestic wastewater	metric ton	82,897.5
	Emissions of Category II pollutants	metric ton	15.5
Wastewater	COD	metric ton	7.8
	Suspended solids	metric ton	4.0
	Other Category II pollutants in wastewater	metric ton	3.7
	Number of wastewater treatment facilities	metric ton	4.0
	Processing capacity of wastewater treatment facilities	10,000 m³/year	1.5

(continued)

	Total exhaust gas emissions	100 million m³	165.05
	Exhaust pollutant emissions	kg	329,703.3
	NOx	kg	3,219.2
	SO <sub>2</sub>	kg	375.8
Exhaust Gas	Volatile organic compounds (VOCs)	kg	28,252.8
	PM	kg	294,373.1
	Other exhaust pollutants	kg	3,482.0
	Number of waste gas treatment facilities	Set	104
	Processing capacity of waste gas treatment facilities	100 million m³/year	793.96
	Total solid waste generated	metric ton	43,305.9
	General industrial solid waste (non-hazardous waste) generated	metric ton	327.9
	Hazardous waste generated	metric ton	42,527.2
Solid Waste	Total solid waste disposed	metric ton	43,447.5
	General industrial solid waste (non-hazardous waste) dispose	metric ton	308.2
	Hazardous waste disposed	metric ton	43,305.9
	General industrial solid waste generation intensity (based on revenue)	metric ton / RMB 1,000,000	45.9
	Hazardous waste generation intensity (based on revenue)	metric ton / RMB 1,000,000	0.4
	Total GHG emissions	tCO₂e	1,429,335.93
	By scope		
	Scope 1 emissions	tCO₂e	1,077,408.22
<b>GHG Emissions</b>	Scope 2 emissions	tCO₂e	351,927.72
	GHG emissions intensity (Scope 1)(based on revenue)	tCO <sub>2</sub> e / RMB 1,000,000	139.88
	GHG emissions intensity (Scope 2)(based on revenue)	tCO <sub>2</sub> e / RMB 1,000,000	45.69
Investment in Environmental Protection	Amount of significant administrative penalties imposed by environmental authorities due to environmental incidents	RMB 10,000	0
	Total investment in environmental protection	RMB 10,000	1,927.43
	Environmental protection tax paid	RMB 10,000	22.41

 $\sim$  70

2024 Environmental, Social and Governance (ESG) Report

#### Social

	Indicator	Unit	2024
	Number of in-service employees <sup>1</sup>	person	4,747
	By gen	der	
	Male	person	3,729
	Female	person	1,018
	By ag	ge	
	30 and below	person	1,233
	31-50	person	2,756
	Over 50	person	758
	By degree of	education	
	PhD	person	3
	Master's degree	person	19
	Bachelor's degree	person	385
	Associate degree	person	728
Employee	Below associate degree	person	3,612
Composition	By profession		
	Production personnel	person	3,522
	Sales	person	54
	Technical personnel	person	699
	Financial personnel	person	22
	Administrative personnel	person	450
	People with disabilities	person	18
	Ethnic minorities	person	603
	Newly recruited employees	person	2,673
	By recruitmen	nt channel	
	Recent graduates	person	85
	Social recruitment	person	2,588
Remuneration and Benefits	Employee coverage rate for social insurance	%	100
	Total number of safety training sessions	time	480
	Workplace safety investment	RMB 10,000	1,927.43
Occupational Health and Safety	Total duration of safety training	hour	1,542.45
Management	Attendance of safety training	attendance	18,082
	Safety training coverage rate	%	100
	Coverage of occupational injury insurance	%	100

<sup>&</sup>lt;sup>1</sup> All full-time employees are in Chinese Mainland.

(continued)

	Investment in occupational injury insurance for employees	RMB 10,000	5.12
	Coverage of occupational injury insurance	%	100
Occupational	Amount invested in workplace safety liability insurance	RMB 10,000	31.3
Health and Safety	Coverage of workplace safety liability insurance	%	59.31
Management	Number of major safety incidents	_	0
	Number of occupational disease cases	_	2
	Occupational illness incidence rate	%	0.04
Care and Support	investment in employee assistance	RMB 10,000	11
	Coverage of physical examinations and medical records	%	100
	Number of employee training sessions	time	1,604
	Employee training expenditure	RMB 10,000	51.59
	Total length of employee training	hour	16,918.49
	Average length of training per employee	hour	3.56
	Total number of employee training participants	attendance	130,019
	Coverage of employee training	%	100
	By gender		
	Number of male employees trained	person	3,729
	Training coverage of male employees	%	100
	Average training duration for male employees	hour	3.83
	Number of female employees trained	person	1,018
Development	Training coverage of female employees	%	100
and Training	Average training duration for female employees	hour	2.59
	Employee cate	gory	
	Senior management employees trained	person	6
	Training coverage of senior management employees trained	%	100
	Average training duration for senior management employees	hour	3.77
	Middle management employees trained	person	26
	Training coverage of middle management employees	%	100
	Average training duration for middle management employees	hour	25.13
	Number of primary employees trained	person	4,715
	Training coverage of primary employees	%	100
	Average training duration for primary employees	hour	3.44

(continued)

Employee	Number of employees participating in the employee satisfaction survey	person	743
satisfaction	Percentage of employees participating in the employee satisfaction survey	%	15.57
rate	Employee satisfaction score	point	86.00
Product Safety	Amount involved in major liability incidents related to product and service safety and quality	RMB 10,000	0
and Quality	Number of products withdrawn and recalled due to health and safety reasons	_	0
	Number of customer satisfaction surveys conducted	_	41
	Coverage of customer satisfaction survey	%	100
	Customer satisfaction score	point	91.27
Customer Service and Rights	Number of customer complaints	_	1,353
J	Customer complaint resolution rate	%	100
	Amount involved in data security incidents	RMB 10,000	0
	Number of customer privacy breach incidents	_	0
	R&D investment	RMB 100 million	2.27
Innovation and	Proportion of R&D investment to operating revenue	%	4.84
Development	Number of R&D personnel	person	308
	Proportion of R&D personnel	%	6.48
	Number of patent applications	_	18
	Number of invention patent applications	_	6
	Number of utility model patent applications	_	12
Intellectual Property	Number of authorized patents	_	21
Protection	Number of invention patents authorized	_	5
	Number of utility model patents authorized	_	16
	Number of patents in force	_	174
	Number of trademark rights	_	9
	Number of software copyrights	_	7
	Number of suppliers	_	874
	Number of suppliers in China (the Chinese mainland)	_	868
	Number of suppliers in China (Hong Kong, Macao and Taiwan)	_	1
Supplier	Number of overseas suppliers	_	5
Management	Number of suppliers reviewed	_	28
	Number of suppliers suspended for non-compliance	_	0
	Number of potential suppliers rejected for non-compliance	_	1
	Number of ISO 9000 certified suppliers	_	129

(continued)

	Number of ISO 14000 certified suppliers	_	100
Supplier	Number of ISO 45001 certified suppliers	_	100
Management	Number of suppliers that have signed the Integrity Commitment Letter	_	868
Management of Supply Chain Links	Number of major risks and impact events in the supply chain	_	0
Social Welfare	Number of volunteers participating in public-interest activities	person	4,756
Social Wellare	Time invested in community investment activities	hour	3,736
Rural Revitalization	Amount invested in rural revitalization	RMB 10,000	1,020

#### Governance

	Indicator	Unit	2024
	Number of members of Board of Directors	person	9
	Number of Independent Directors	person	3
	Non-independent directors	person	6
	By educational ba	ckground	
	PhD	person	1
	Master's degree	person	1
Organization	Bachelor's degree or below	person	7
Structure and Functions	By gender		
Functions	Male	person	7
	Female	person	2
	By age		
	31–50	person	3
	Over 50	person	6
	Number of meetings of the Board of Directors	time	7
	Number of meetings of the Audit Committee	time	6

			(continued)
	Number of meetings of the Remuneration and Assessment Committee	time	3
	Number of meetings of the Nomination Committee	time	1
	Number of meetings of the Strategy Committee	time	1
	Number of members of Board of Supervisors	person	3
	Employee-elected Supervisors	person	1
	External Supervisors	person	2
	By educational bac	kground	
	Master's degree	person	1
	Bachelor's degree or below	person	2
Organization	By gender		
Structure and	Male	person	2
Functions	Female	person	1
	By age		
	31-50	person	2
	Over 50	person	1
	Number of meetings of the Board of Supervisors	time	7
	Number of senior management employees	person	6
	By educational background		
	Senior management with Master's degree	person	1
	Senior management with Bachelor's degree or below	person	5
	By age		
	30-50	person	3
	Over 50	person	3
Anti-commercial	Proportion of BoD members receiving anti-bribery and anti-corruption training	%	100
Bribery and Anti- corruption	Percentage of management participating in anti-commercial bribery and anti-corruption training	%	100
	Performance presentation	time	3
	Number of investor exchanges	time	19
Investor Relations Management	Number of investors received	attendance	439
	Number of platform responses	time	27
	Number of investor calls answered	time	399
Shareholders'	Number of General Meetings of Shareholders held	time	3
Rights and Interests	Attendance rate of BoD members at the General Meetings of Shareholders	%	100
	Number of periodic reports disclosed	_	4
Information Disclosure	Number of interim announcements released	_	80
Disclosure	Number of other documents disclosed	_	51
Risk Management	Amount involved in lawsuits or significant administrative penalties due to the Company's unfair competition	RMB 10,000	0
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# | Company Names and Abbreviations

Abbreviation	Full Name	
Riyue	Riyue Heavy Industry Co., Ltd.	
Rixing Foundry	Ningbo Rixing Foundry Co., Ltd.	
Essence Metal	Ningbo Essence Metal Machinery Co., Ltd.	
Yuexing Metal	Ningbo Yuexing Metal Machinery Co., Ltd.	
Riyue Nuclear Equipment	Ningbo Riyue Nuclear Equipment Manufacturing Co., Ltd.	
Precision Manufacturing	Ningbo Riyue Essence Precision Manufacturing Co., Ltd.	
Mingling Technology	Ningbo Mingling Technology Co., Ltd.	
Riyi Intelligent	Ningbo Riyi Intelligent Equipment Co., Ltd.	
Gansu Riyue	Riyue Heavy Industry (Gansu) Co., Ltd.	
Jiuquan Zhexinneng	Jiuquan Zhexinneng Wind Power Co., Ltd.	
Zhixin Testing	Xiangshan Riyue Zhixin Testing Technology Co., Ltd.	
Riyue New Energy	Ningbo Riyue Rixing New Energy Technology Co., Ltd.	
Benxi Liaocai	Benxi Liaocai Metal Material Co., Ltd.	

# Indicators Index

Chapter		Shanghai Stock Exchange SZSE Self-Regulatory Guidelines No. 14 for Compa- nies Listed on Shenzhen Stock Exchange—Sustain- ability Report (For Trial Implementation)
ESG Management		Communication with Stakeholders
Green Quality Enhancement, Low-carbon Innovation For Sustainability	Environmental Impact Management	Environmental Compliance Management, Pollutant Emissions, and Waste Treatment
	Strengthening Resource Management	Energy utilization, water utilization, circular economy
	Combating Climate Change	Combating Climate Change
Driven by Innovation, Weaving the Future Together	Innovation-Driven Development	Innovation-driven Development
	Valuing Human Resources	Employees
	Strengthening Quality Management	Product and service safety and quality, data security and customer privacy protection
	Consolidating Supply Chain Management	Supply Chain Security
	Spreading Social Warmth	Social Contribution, Rural Revitalization
Lean Foundation, Joint Promotion of Prosperity	Optimizing the Governance System	/
	Investor Relations Management	Communication with Stakeholders
	Strengthening Internal Risk Control	/
	Observing Business Ethics	Anti-commercial Bribery, Anti-corruption, and Anti-unfair Competition





# **| Questionnaire**

#### Dear reader,

Thank you very much for reading this ESG Report. To better provide effective information to you and other stakeholders, continuously improve the quality of this report, and enhance our sustainable development capabilities, we sincerely invite you to evaluate this report and provide valuable comments and suggestions.

You may choose the following methods to provide your feedback or suggestions:

Address: Board Office, Riyue Heavy Industry Co., Ltd., 20th Floor, Riyuexingzuo Building, No. 7 Tianzhi Lane, Shounan Subdistrict, Yinzhou District, Ningbo, Zhejiang, China

Postal Code: 315100 Tel.: 0574-55007043 Email: stock@riyuehi.com

#### Feedback Questionnaire

Thank you for your valuable feedback!

1. What is your identity in relation to Riyue?
☐ Government ☐ Investor ☐ Employee ☐ Customer ☐ Supplier/Contractor Business Partne
☐ Peer Company ☐ Community/Public ☐ Media ☐ NGO
Others (please specify)
2. Your overall comment on this report?  □ Excellent □ Good □ Fair □ Poor □ Very poor
3. Do you consider the structure of the report to be reasonable?  ☐ Very reasonable ☐ Reasonable ☐ Fairly reasonable ☐ Somewhat unreasonable ☐ Unreasonable
4. To what extent is the information you are concerned about disclosed in this report?
☐ Very comprehensive ☐ Comprehensive ☐ Partially covered ☐ Minimally covered ☐ Not covered
5. What other information that you are concerned about is not reflected in this report?
6. Your suggestions for this report: