

Company code: 600309

Company abbreviation: WANHUA CHEMICAL

WANHUA CHEMICAL GROUP CO., LTD.

2024 Annual Report

Important Notice

It is always the management's responsibility to prepare and translate the financial statements. This set of translated illustrative financial statements is for reference only. In the case where the English version does not conform to the Chinese version, the Chinese version shall prevail.

Important Notes

I、 Board of Directors (the “Board”), the Board of Supervisors, directors, supervisors and senior management of the Company certify that this report does not contain any false or misleading statements or material omissions and are jointly and severally liable for the authenticity, accuracy and integrity of the content.

II、 Directors not attending the Board Meeting

Position	Name	Reason	Name of Entrustee
Director	Rong Feng	Other work arrangements	Wang Qingchun
Director	Liu Xunzhang	Other work arrangements	Wang Qingchun

III、 Ernst&Young Hua Ming LLP issued a standard unqualified audit report for the Company.

IV、 Mr. Liao Zengtai, legal representative, Mr. Li Limin, the chief financial officer, and Nie Huiqiang, the head of accounting department (the person in charge of accounting), certify the authenticity, accuracy and integrity of the financial statements contained in the annual report of the current year.

V、 Plan of profit distribution or capital reserve capitalization approved by the Board

Based on the total share capital registered on the date of equity distribution registration, a cash dividend of RMB 7.30 (inclusive of tax) per 10 shares would be distributed to all shareholders. As of December 31, 2024, the total share capital of the company was 3,139,746,626.00 shares, based on which the total cash dividend to be distributed was RMB 2,292,015,036.98 (inclusive of tax), and the remaining undistributed profit of RMB 56,723,962,329.57 was carried forward for future annual distribution. The total amount of cash dividends in the current year (including cash dividends distributed in the interim period of RMB 1,632,668,245.52) was RMB 3,924,683,282.50, accounting for 30.11% of the net profit attributable to shareholders of listed companies in the current year.

VI、 Risk statements of forward-looking description

☒Applicable ☐Not Applicable

The forward-looking descriptions on future plan and development strategy in this report does not constitute substantive commitment to investors. Please note the investment risk.

VII、 Does the situation exist where the controlling shareholders and their related parties occupy the funds of the Company for non-operational use?

No

VIII、 Does the situation exist where the Company provides external guarantee which is not in compliance with the required decision-making procedures?

No

IX、 Whether more than half of the directors cannot guarantee the truthfulness, accuracy, and completeness of the annual report disclosed by the Company?

No

X、 Significant risk alert

There are no significant risks which have adverse effects on the Company's future development strategy and operation objects during the reporting period.

XI、 Others

☐Applicable ☒Not Applicable

Contents

Section I	Definitions	5
Section II	General Information and Financial indicators of the Company.....	6
Section III	Management discussion and analysis	10
Section IV	Corporate Governance	44
Section V	Environmental and social responsibility	62
Section VI	Significant Events.....	72
Section VII	Changes in shares and shareholders.....	81
Section VIII	Details of preference shares.....	87
Section IX	Bonds.....	87

List of documents available for inspection	Accounting statements signed and stamped by the legal representative, the CFO, and the head of accounting department.
	The originals of all the documents disclosed by the Company and all the original announcements in the reporting period on China Securities Journal, Shanghai Securities News, Securities Times, and Securities Daily.

Section I Definitions

I、Definitions

In this report, unless the context otherwise requires, the following terms shall have meanings set out below:

Definitions of frequently used words		
CSRC	Refers to	China Securities Regulatory Commission
SSE	Refers to	Shanghai Stock Exchange
Company, the Company, Wanhua Chemical, Wanhua	Refers to	Wanhua Chemical Group Co., Ltd.
Wanhua Industry	Refers to	The previous shareholder controlling the Company, Wanhua Industrial Group Co., Ltd.
Wanhua Chemical Industry	Refers to	The previous shareholder controlling the Company, Yantai Wanhua Chemical Industry Co., Ltd.
Yantai SASAC	Refers to	State-owned Assets Supervision and Administration Commission of Yantai Municipal Government
Guofeng Group, controlling shareholder	Refers to	Yantai Guofeng Investment Holdings Group Co., Ltd.
Zhongcheng Investment	Refers to	Yantai Zhongcheng Investment Co., Ltd.
Zhongkaixin	Refers to	Ningbo Zhongkaixin Venture Capital Co., Ltd., originally “Shenzhen Zhongkaixin Venture Capital Co., Ltd.”, renamed on 16 April 2019
Prime Partner International	Refers to	Prime Partner International Limited, Chinese name: 合成国际控股有限公司
BC Company	Refers to	BorsodChem Zártkörűen Működő Részvénytársaság, abbreviated as BorsodChem Zrt., Chinese name: 宝思德化学公司
Wanhua Ningbo	Refers to	Wanhua Chemical (Ningbo) Co., Ltd.
Wanhua Fujian	Refers to	Wanhua Chemical (Fujian) Co., Ltd.
MDI	Refers to	Diphenyl-methane-diisocyanate
HDI	Refers to	Hexamethylene diisocyanate
ADI	Refers to	Aliphatic isocyanates (including H12MDI, HDI, HDI derivatives, IPDI)
SAP	Refers to	Super Absorbent Polymer
TPU	Refers to	Thermoplastic Urethane
LPG	Refers to	Liquefied petroleum gas
PO	Refers to	Propylene Oxide
AE	Refers to	Acrylic ester
PC	Refers to	polycarbonate
PMMA	Refers to	Polymethyl methacrylate
TDI	Refers to	Toluene diisocyanate
PVC	Refers to	Polyvinyl Chloride
C2	Refers to	Carbon 2 Chemical
C3	Refers to	Carbon 3 Chemical

C4	Refers to	Carbon 4 Chemical
MS	Refers to	Methylmethacrylate-styrene copolymer
XLPE	Refers to	Crosslinked polyethylene
POE	Refers to	Polyolefin elastomers
POCHP	Refers to	Preparation of propylene oxide from cumene hydroperoxide
PDH	Refers to	Propane dehydrogenation
LDPE	Refers to	Low Density Polyethylene

Section II General Information and Financial indicators of the Company

I、 Company Information

Legal company name in Chinese	万华化学集团股份有限公司
Abbreviation of legal company name in Chinese	万华化学
Legal company name in English	Wanhua Chemical Group Co.,Ltd.
Abbreviation of legal company name in English	Wanhua
Legal representative of the Company	Liao Zengtai

II、 Contacts

	Secretary to the Board	Securities affairs representative
Full name	Li Limin	Xiao Minghua
CONTACT ADDRESS	No. 3, Sanya Road, Yantai Economic and Technological Development Zone	No. 3, Sanya Road, Yantai Economic and Technological Development Zone
Telephone	0535-3031588	0535-3031588
Fax	0535-6875686	0535-6875686
Email	lmli@whchem.com	mhxiao@whchem.com

III、 Basic information of the company

Registered address of the Company	No. 59, Chongqing Street, Development Zone, Yantai, Shandong
Historical changes in the Company's registered address	In 1998, the company was incorporated, the registration address was "No. 7 South Xingfu Road, Yantai, Shandong Province". In 2015, the registration address changed into "No. 17 Tianshan Road, Yantai Economic and Technological Development Area". In 2021, the registered address of the company was changed to "No. 59, Chongqing Street, Yantai Development Zone, Shandong Province".
Company Office Address	No. 3, Sanya Road, Yantai Economic and Technological Development Zone
Postal code of the company's office address	264006
Company website	www.whchem.com
Email	stocks@whchem.com

IV、 Information disclosure and the location

Name and website of media where the Company discloses the annual report	China Securities Journal (website: www.cs.com.cn), Shanghai Securities News (website: www.cnstock.com), Securities Times (website: www.stcn.com), Securities Daily (website: www.zqrb.cn)
Website of the stock exchange where the Company discloses its annual report	Shanghai Stock Exchange website www.sse.com.cn
Location of the Company's annual report	Office of the Board

V、 Company stock profile

Company stock profile				
Class of stock	Stock exchange	Stock name	Stock code	Stock abbreviation before change
A Shares	Shanghai Stock Exchange	Wanhua Chemical	600309	Yantai Wanhua

VI、 Other relevant information

Information of the accounting firm appointed by the Company (domestic)	Name	Ernst&Young Hua Ming LLP
	Office Address	Room 01-12, 17/F, Ernst&Young Tower, Oriental Plaza, 1 East Chang'an Street, Dongcheng District, Beijing
	Signing Certified Public Accountant	Ann Xiuyan, Li Huihua

VII、 Major accounting data and financial indicators in the recent three years

(I) Major accounting data

Unit: RMB Currency: RMB

Major accounting data	2024	2023	Increase/decrease over the same period last year (%)	2022
Operating income	182,069,119,160.94	175,360,935,668.36	3.83	165,565,484,373.69
Net profit attributable to shareholders of the company	13,033,066,612.84	16,815,755,534.31	-22.49	16,233,626,024.32
Net profit excluding non-recurring profit or loss attributable to shareholders of the Company	13,358,861,995.56	16,438,841,961.03	-18.74	15,797,326,614.07
Net cash flows from operating activities	30,053,435,178.33	26,796,752,552.51	12.15	36,336,824,920.33
	End of 2024	End of 2023	Year on year (%)	End of 2022

Net assets attributable to shareholders of listed company	94,625,896,066.69	88,656,204,854.29	6.73	76,844,533,840.41
Total assets	293,333,349,744.25	253,040,390,845.31	15.92	200,843,198,875.15

(II) Major financial indicators

Major financial indicators	2024	2023	Year on year (%)	2022
Basic earnings per share (RMB/share)	4.15	5.36	-22.57	5.17
Diluted earnings per share (RMB/share)	4.15	5.36	-22.57	5.17
Basic earnings per share after deducting non-recurring profit and losses (RMB/share)	4.25	5.24	-18.89	5.03
Weighted average return on equity (%)	14.29	20.42	Decrease by 6.13 percentage points	22.75
Weighted average return on net assets after deducting non-recurring profit and losses (%)	14.65	19.96	Decrease by 5.31 percentage points	22.14

Explanations for accounting data and financial indicators for recent three years

☐Applicable ☒Not Applicable

VIII、Differences in Accounting Data under Domestic and Foreign Accounting Principles

(I) Differences between net profit and net assets attributable to shareholders of the Company in financial reports disclosed in accordance with International Accounting Standards and Chinese Accounting Standards

☐Applicable ☒Not Applicable

(II) Differences between net profit and net assets attributable to shareholders of the Company in financial reports disclosed in accordance with foreign accounting standards and Chinese accounting standards

☐Applicable ☒Not Applicable

(III) Description of differences between domestic and foreign accounting principles:

☐Applicable ☒Not Applicable

IX、Quarterly Financial Data for the Year 2024

Unit: RMB Currency: RMB

	First quarter (January-March)	Second quarter (April – June)	Third quarter (July – September)	Fourth quarter (October-December)
Operating income	46,161,004,693.46	50,906,358,863.63	50,536,786,854.36	34,464,968,749.49
Net profit attributable to shareholders of the company	4,157,379,176.37	4,016,993,384.07	2,918,951,589.81	1,939,742,462.59
Net profit attributable to shareholders of companies after deducting non-recurring gains and losses	4,127,075,821.44	3,971,881,566.64	2,828,985,853.35	2,430,918,754.13
Net cash flows from operating activities	3,083,663,688.61	7,207,608,427.73	9,014,207,501.86	10,747,955,560.13

Explanations for differences between quarterly data and disclosed data in periodic report

☐Applicable ☒Not Applicable

X、Items and amounts of non-recurring profits and losses

☐Applicable ☒Not Applicable

Unit: RMB

Items of non-recurring gains and losses	Amount in 2024	Notes (if applicable)	Amount in 2023	Amount in 2022
Profits or losses on disposal of non-current assets, including the write-off portion of the provision for impairment of assets	-845,785,980.60		-242,321,258.75	-221,402,937.51
Government grants recognized in profit or loss for the current period, except for government grants that are closely related to the normal business of the Company, comply with national policies and regulations, are enjoyed according to determined standards and have a sustained impact on the profit or loss of the Company	517,990,373.24		756,339,688.86	610,583,131.09
Profit or loss from changes in fair value of financial assets and financial liabilities held by non-financial enterprises and profit or loss from disposal of financial assets and financial liabilities, except for effective hedging business related to the Company's normal business operations	-76,388,802.79		81,566,532.80	172,955,397.70
Profit or loss from debt restructuring				-2,063,125.34
Non-operating income and expenses other than the above	-2,045,794.96		-136,472,401.83	-49,124,787.68
Other items of profit or loss that satisfy the definition of non-recurring profit or loss	1,443,284.25		6,134.90	991,610.01
Less: Income tax effect	-51,571,982.76		80,982,446.50	85,906,638.05
Amounts affected by minority interests, net of tax	-27,419,555.38		1,222,676.20	-10,266,760.03
Total	-325,795,382.72		376,913,573.28	436,299,410.25

The Group recognizes items of non-recurring profits and losses in accordance with the Explanatory Announcement on Information Disclosure for Companies Offering Securities to the Public No. 1: Non-recurring Profit or Loss (CSRC Announcement [2023] No.65). Items for which the listed items of non-recurring profit or loss are defined as recurring profit or loss are as follows:

☒Applicable ☐Not Applicable

Unit: RMB Currency: RMB

Items	Amount involved	Reason
Refund upon collection for comprehensive utilization of resources, input taxcredit and deduction, refund of handling fee for withholding individual income tax	662,653,837.01	Closely related to the Company's normal business operations
Carbon emission quota compliance expenditure	-202,640,407.54	Closely related to the Company's normal business operations
Gains from carbon emission trading	47,948,930.72	Closely related to the Company's normal business operations

XI、 Items at fair value

√Applicable □Not Applicable

Unit: RMB Currency: RMB

Item	Opening balance	Ending balance	Changes in the current period
Derivative financial assets	144,322,543.41	77,892,526.87	-66,430,016.54
Financing receivables	1,697,775,630.06	1,298,979,936.80	-398,795,693.26
Investments in other equity instruments	594,868,852.16	564,876,931.01	-29,991,921.15
Derivative financial liabilities	417,214,699.29	126,938,111.57	-290,276,587.72

XII、 Other

□Applicable √Not Applicable

Section III Management discussion and analysis

I、 Business discussion and analysis

In 2024, the company closely followed the growing tide of artificial intelligence, firmly promoted the management theme of "Digital Intelligence Year", accelerated the pace of digital transformation, used data and AI to empower business, continuously improved device production efficiency and safety management level, improved enterprise operation and collaboration efficiency, and continuously enhanced the comprehensive competitive strength of enterprises.

In 2024, the company concentrated its scientific research efforts to form a pressure effect, and the polyurethane manufacturing technology continued to be advanced; Accelerate the pace of exploration in synthetic biology, electrochemistry and other frontier fields to reserve kinetic energy for future industrial development; Through acquisition and merger, the whole industrial chain layout of battery cathode materials has been realized, laying a solid foundation for the development of the second growth curve business; The first phase of Penglai Industrial Park was completed and put into operation as scheduled, the second phase of ethylene project was steadily promoted, and Wanhua Industry continued to walk on the road of high-end, intelligent and green development.

(I) MARKET AND MARKETING

Under the guidance of the working principle of "Deep internationalization, Deep channel sinking and Deep integration and coordination", the polyurethane business firmly allocates overseas market, speeds up the construction of international teams, deep-rooted sales, refines the granularity of overseas market development, speeds up the formation of a capillary type sales network in the world, and provides excellent products and services for global partners. Focus on the development of the industry, cultivate the industry deeply, establish industry standards, continue to expand the market cake, and empower the development of the industry. The "iron triangle" marketing model of research, production

and sales has been successfully implemented, the solution business and differentiated product business have developed rapidly, the sales volume and market share of MDI, TDI, polyether and modified products have reached a record high, and it has become a leading enterprise in the global polyurethane industry.

Focusing on the marketing strategy of "strengthening cooperation, coordinated development and consolidating the petrochemical industry chain ecosystem", the petrochemical business actively responded to the adverse situation of insufficient effective demand growth, sustained overcapacity and profit compression of the industry chain. By deepening strategic cooperation with leading customers, we will give full play to the advantages of industrial chain linkage, increase revenue and improve efficiency; Through the continuous development of new applications, the market share continues to increase, and the leading position of the industry continues to strengthen; With the cooperation of research, production and marketing, the proportion of sales in high-end application fields has been increasing. In terms of overseas business, we give full play to the role of internal and external linkage and effectively dredge excess capacity.

In terms of fine chemicals and new materials business, in the face of sluggish market demand and intensified market competition, ADI business is committed to building long-term core competitiveness around the main line of "improving sales and continuously reducing costs", increasing domestic and foreign share, and developing a number of differentiated products. The PC business focuses on special sub-sectors such as automobiles, optics and medical treatment, and continues to develop high-end products. The market price and differentiation level remain leading in China. Under the adverse situation of global oversupply and price decline, the output reaches a new high through technological transformation and capacity expansion, and the cost continues to decrease. The global market share of TPU, PMMA, membrane materials, SAP and other businesses has further increased, the market share of high value-added products such as ADI foaming agent and car clothing film has ranked first in China, and the POE, citral, nylon 12 elastomer and MQ resin plants have been successfully started and operated steadily.

In 2024, the company implements the strategic plan of integrated global supply chain management, aiming at integrating warehousing and logistics resources around the world, realizing cross-regional sharing, further optimizing overseas supply chain management processes, improving overseas logistics warehousing management level, reducing logistics operation costs, improving global customer logistics service capabilities, and establishing a strategic service provider operation system suitable for business.

(II) Production and operation

1. Yantai Industrial Park

In 2024, Yantai Industrial Park, with the theme of "digital intelligence", promoted the construction of intelligent factories, followed the planning path of standardization, automation, digitalization, intellectualization and AI to carry out work, took excellent operation as the guiding ideology, lean management as the starting point, and created extreme manufacturing advantages through industrial chain integration and cooperation to achieve a new high in annual output of many products. Through the use of waste heat recovery projects and the conversion of steam to electricity, the energy consumption of products has been continuously reduced.

In 2024, the "micro-innovation" of Yantai Industrial Park entered the stage of consolidation, improvement and standardized development, and issued the "micro-innovation guidance" to stimulate the innovation vitality of individuals and organizations and help the company's long-term development; Optimize the amoeba cost assessment system, enhance the business unit's business thinking and cost control capabilities, and effectively

reduce operating costs; With benchmarking excellent enterprises as an important starting point for excellent operation, it launched benchmarking with 57 external enterprises in 2024, contributing to strengthening the company's low-cost operation advantages.

2. Ningbo Industrial Park

In 2024, on the premise of ensuring safe production, Ningbo Industrial Park will continuously improve its agile manufacturing capacity and flexibly meet market demand. Extreme products have become the first choice of customers, aiming at mature businesses, focusing on value creation, and tapping the potential of the whole process; For growth business, we will implement two improvements (production and quality improvement) and one reduction (cost reduction) to enhance competitiveness. In terms of project construction, high-quality investment is achieved around chain extension and chain replenishment.

In 2024, Ningbo Industrial Park closely focused on the management theme of "digital intelligence", further empowered independent operation through multi-technology and multi-tool, and improved the intrinsic safety level and industry competitive advantage. Real-time monitoring of device, process parameters and equipment operation status parameters, evaluating the overall operation of the device and guiding production processing; AI model is used instead of manual experience operation to predict the optimal alkali consumption in real time according to process parameters, accurately control and optimize the cost.

3. Hungary BC

In 2024, BC Company continued to optimize the three rates (automatic control rate, alarm rate and interlock rate) in production to improve the ability of safe and stable operation. Improve the level of manufacturing excellence by revising the system covering the six core elements of the manufacturing excellence system (production, quality, cost, production technology, asset integrity, HSE).

Faced with the adverse situation of sustained economic downturn and insufficient demand in Europe, BC has overcome difficulties, further increased the sales share of MDI and TDI in Europe, and reached a new high in sales of solution products, supporting the sales work of domestic business units in Europe.

In terms of "digital intelligence" management, BC Company has accelerated the pace of digital transformation around the whole industry chain, planning a total of 47 projects, of which 40 have been launched; Improve the production efficiency and safety of the device through intelligent transformation, and strive to build BC into the most competitive polyurethane manufacturer in Europe.

4. Wanhua Fujian

In 2024, Wanhua Fujian will efficiently complete the technical transformation and capacity expansion of 800-thousand tons/year MDI device to increase production and stabilize production; Conduct cost benchmarking on a monthly basis, establish business thinking, continuously tap potential and reduce costs, and transform technical advantages into cost advantages. In addition, while doing a good job in production and operation, we should make every effort to promote the construction of new projects.

In 2024, Wanhua Fujian closely focused on the management theme of "digital intelligence" and continued to build a digital intelligence park. The first "embedded supervision mode" was highly recognized by the General Administration of Customs. The first intelligent quality inspection project landed, realizing automatic and unmanned analysis of 21 projects such as water quality and titration. In terms of "micro-innovation", the atmosphere and culture of all-member innovation have been formed through "thematic guidance, all-member participation and focused innovation".

5. Wanhua Sichuan

In 2024, Wanhua Sichuan devices operated smoothly, and battery industry chain projects such as continuous fossil ink anode were put into operation one after another. Through "extreme manufacturing, extreme cost and product differentiation", Wanhua Sichuan continues to build outstanding competitiveness, build the competitive advantage of technological iteration of Wanhua battery business, strive to become the "chief innovation officer" and "industry leader" of battery materials, and deepen the strategic layout of the second growth curve of the Group.

6. Wanhua Penglai

In 2024, Wanhua Penglai overcame difficulties and achieved the goal of successful one-time start-up of main units of Penglai Phase I Project. In terms of production preparation, experienced engineers shall be organized to follow the whole process, retrain, spot check and improve the nine abilities of start-up, and continuously improve the skill level of employees through on-site PSSR (safety inspection before start-up), "three inspections (inspection of design omissions, inspection of construction quality and inspection of unfinished projects) and four determinations (determination of process, determination of scheme measures, determination of operators and determination of time)".

In terms of digital and intelligent construction, Wanhua Penglai promoted eight working groups in 2024, namely, "functional inspection, independent operation, smart warehousing, smart supervision, smart engineering, unmanned dispatching, smart platform and management reform", to transform digital and intelligent investment into digital and intelligent productivity, reduce personnel demand and improve production efficiency.

(III) technological innovation

In 2024, the company continued to carry out plant optimization and technical iteration in each park, develop and use a number of new technologies such as ultra-low hydrochloric acid ratio, gradually break through the bottleneck of device operation, achieve further improvement of product quality while significantly reducing costs, and maintain the global leading edge of Wanhua MDI and TDI products; The single production capacity of POCHP device has reached the world's largest; The new polyol process is put into use, and the indicators rank first in the industry; Develop a number of high-end polyolefin products, and significantly enhance the competitiveness of products.

The company continues to break through key technologies such as fine chemicals and high-end new chemical materials, and the self-developed POE device has been successfully started at one time, breaking foreign monopolies; VA's whole industrial chain has been successfully driven and officially entered the field of nutrition and health; Citral, special isocyanate, polyurethane curing agent and other devices are successfully started at one time, and the operation is good; Membrane materials, water-based materials and other continuous innovation, successfully entered a number of industry leading customers.

The company regards the battery material business as the second growth curve and seizes the strategic opportunity period. The whole process of the three major negative electrode materials is quickly connected, the positive electrode materials continue to develop differentiated new technologies, accelerate technological upgrading, and strive to become the "chief innovation officer" and "industry leader" of the battery material industry.

The company adheres to sustainable industrial development and vigorously enables low-carbon development of downstream industries. Continuously improve the product competitiveness and market share of degradable materials, and accelerate the development of low-cost solutions; Promote polyurethane recycling and form a service plan for the whole

life cycle of products; Promote the implementation of CO2 resource utilization plans and help the development of low-carbon economy.

The company continued to deepen organic cooperation with scientific research institutes, focusing on forward-looking fields such as batteries, artificial intelligence, nutritional chemicals, synthetic biology, electrochemistry and special materials, and reached in-depth cooperation with more than 30 well-known universities to jointly promote technological innovation and achievements transformation in the field of chemical materials; The scientific research building of Peking University - Wanhua Chemical Joint Research Center was officially opened, and the first batch of projects were settled in, laying the foundation for the company's innovative development.

The company continued to innovate, applied for 1,220 domestic and foreign invention patents throughout the year, and received 649 new authorizations.

(IV) Management innovation

1. Work of "Digital Intelligence"

Faced with the complex and changeable international situation in the future, the development of Wanhua needs more powerful support from "digital intelligence". Therefore, the company has determined the management theme of 2024 as "digital intelligence" year. Under the guidance of the principle of "business driven and value oriented", it will do a good job in project control, build digital intelligence advantages, build intelligent Wanhua, and escort the healthy development of the company. Wanhua Research Institute completed the first batch of AI For Science projects to enable AI research and development, which has significant advantages in reducing the amount of experiments and improving the efficiency of experiments. The large-scale material model jointly developed by Wanhua and Peking University was officially released. As the first large-scale material model in the chemical industry, it can realize business empowerment in terms of finding potential business opportunities before sales, handling after-sales problems during sales, and focusing on key customers. Wanhua Yantai and Ningbo bases promote the quality prediction QPS system, take the post of "digital quality inspector", and reduce the frequency of device analysis by more than 4,000 times per year.

2. Operational excellence

In terms of safety management, in 2024, the company formulated an HSE work policy of "focusing on on-site risk identification and control, improving managers' safety awareness and professional safety capabilities, strengthening regional safety responsibilities, effectively implementing the production management system with safety as the core, and achieving a higher level of safety management performance". Focus on the comprehensive identification and control of new risks on site, standardize the risk dynamic update of operated devices, and improve the risk analysis of human-computer interaction design. Develop a series of courses for training to enhance the safety awareness of managers at all levels; Strengthen regional safety responsibilities and effectively implement the "safety-centered production management system".

In terms of procurement management, in 2024, we will thoroughly implement supplier source governance and certification management, form four sets of certification standards, and certify more than 400 "flight inspections", so as to continuously improve the transparency and maturity of suppliers; In terms of delivery management, the seven major project groups were launched smoothly, achieving comprehensive online management and control from demand to order and from order to delivery, and the efficiency was improved by 40%; Establish an excellent procurement management system, form 12 main elements and 25 category guidelines, and lay a solid foundation for procurement personnel training.

In terms of talent construction, based on the company's project construction progress and the development needs of various business units, more than 4,000 people were recruited in 2024. In terms of talent training, we closely followed the company's strategy and business priorities, focused on the construction and promotion of organizational capacity, took culture as the guide, continued to optimize and improve the talent training system, and carried out "micro-consultation" projects in various bases and subsidiaries to improve organizational capacity and organizational efficiency. A total of 25000 people were trained throughout the year. In 2024, the Bank completed the salary reform, job evaluation, and junior leadership class of BC Company, adjusted the HR structure, and started the human resources reform.

In terms of audit compliance, in 2024, the core guiding ideology is pre-audit, and the work is carried out in accordance with the principle of "grasping the source, setting rules, strict supervision, full coverage, focusing on the key points and regular review". The audit focused on the source of business, strengthened in-process supervision, carried out a number of post-review, and improved risk management and control; Deepen the mechanism of regional head of settlement, and continuously improve the management of empowerment projects. At the same time, we should improve the compliance management system, set up internal compliance organizations, comprehensively sort out and formulate compliance systems and processes, and promote the improvement of compliance management level with the help of information systems.

In terms of financial management, the Group established a financial sharing center in 2024 to deepen the three-pillar model of strategic finance, business finance and shared finance, complete the promotion of the amoeba system in the production base, implement budget management reform, enhance the awareness of all employees, and continue to improve the financial management system of "compliance, high efficiency and wisdom".

3. Cultural construction

Throughout the year, we deepened cultural construction around the "Year of Digital Intelligence" and carried out cultural empowerment in line with business needs; Carry out staff training at home and abroad to promote cultural practice and landing; Innovative culture recognition forms, with typical characters and good practices emerging in multiple departments; Continue to carry out "Lovers' Bridge Action", group weddings, Thanksgiving Month and other activities to warm people's hearts; Carry out diversified activities to stimulate employees' vitality; We will continue to expand the "Wanhua Employee Warm Line" and create a cultural atmosphere that focuses on the company's development, everyone's innovation and warmth. In 2024, Wanhua won the honors of "National Excellent Trade Union Workers, Shandong Province Industrial Workers Team Construction and Reform Work Outstanding Collective".

II、 Industry of the Company during the reporting period

In 2024, the international environment was complex and changeable, geopolitical turmoil and regional conflicts continued, the global economic pattern was deeply adjusted, the industrial chain and supply chain were rapidly reconstructed, trade protection measures were frequent in some countries and regions, international trade tensions were further intensified, and global economic growth was sluggish. Affected by factors such as weak market demand, high energy prices and increasing trade barriers, investment in the petrochemical industry has slowed down as a whole, competition has intensified, product prices have declined, and business efficiency of enterprises is under pressure.

Despite the adverse impact of changes in the external environment, China's economy is

showing a steady and positive trend, with a solid foundation for development and great growth potential. China's petrochemical industry has developed into an important pole in the world, with a large overall scale, high industrial concentration and strong competitiveness. In 2024, the domestic petrochemical and chemical industry overcame overcapacity, insufficient effective demand, serious competition involution and other factors, and its overall operation was basically stable. New achievements were made in innovation-driven development of new quality productivity, green low-carbon transformation, digital and intelligent upgrading, and the industry continued to advance towards high-quality development and new industrialization. Facing the future, there is still a lot of room for development around innovation-driven, green and low-carbon, structural optimization, international cooperation and cluster development.

At present, Wanhua has formed a polyurethane, petrochemical, fine chemicals and emerging materials industry cluster with highly integrated and deeply integrated industrial chain. By continuously increasing technological innovation, continuously expanding international layout and deepening the construction of excellent operation system, the company continues to develop rapidly. On July 19, Chemical and Engineering News (C&EN) announced the "Top 50 Global Chemical Enterprises in 2024", with Wanhua Chemistry ranking 16th.

III、 Business of the Company during the reporting period

Polyurethane business segment

The polyurethane business includes isocyanates and polyether polyols.

Bulk isocyanates are classified into MDI and TDI. By the end of 2024, the company has a MDI capacity of 3.8 million tons/year, while Wanhua Fujian MDI will increase its technological transformation and capacity by 700 thousand tons/year, which is expected to be completed in the second quarter of 2026, when Wanhua's global MDI capacity will reach 4.5 million tons/year; By the end of 2024, the company has a TDI capacity of 1.11 million tons/year, while the second 330-thousand tons/year TDI project in Wanhua Fujian is expected to be completed and put into operation in May 2025, when the total capacity of Wanhua TDI will reach 1.44 million tons/year. The company is currently the world's largest MDI and TDI supplier.

Polyether polyol is another key raw material in polyurethane industry, which has a strong synergistic effect with isocyanate. The total production capacity of the company's polyether business is 1.59 million tons. In the field of polyether business, the company has developed into a core supplier of household appliances, household appliances, automobiles, coatings and other downstream industries, a differentiated solution provider trusted by customers, and a leading and world-class polyether polyol supplier in the Chinese market.

Petrochemical business segment

At present, the petrochemical business mainly develops C2, C3 and C4 olefin derivatives, and is committed to becoming the most influential high-end olefin and derivative supplier with unique competitive advantages.

Relying on world-class PO/AE integrated plant and large ethylene plant, Wanhua continuously expands C2, C3 and C4 industrial chain and value chain. In 2024, Wanhua Penglai Phase I PDH and other projects were completed and successfully started at one time, and the product quality reached the leading level in the industry. At the beginning of 2025, Wanhua Yantai 250-thousand tons/year LDPE plant was successfully started at one time, laying a solid foundation for the company to enter the field of high-end polyolefins.

At the same time, in order to optimize the allocation of production factors and achieve

high-quality and profitable development of petrochemical industry, the company has carried out strategic layout in terms of raw material sources and deep processing.

On July 23, 2024, Wanhua Chemical and Wanrong New Materials (Fujian) Co., Ltd. (Hereinafter referred to as "Wanrong New Materials") signed the Project Cooperation Agreement with ADNOC, Borealis and Borouge. ADNOC, Borealis and Borouge formed an investment consortium and Wanrong New Materials set up a Sino-foreign joint venture company with a shareholding ratio of 50%: 50% to jointly start the construction of a special polyolefin integration facility in Fuzhou, Fujian Province.

In addition, Wanhua Chemical (Yantai) Petrochemical Co., Ltd. recently intends to introduce foreign chemical enterprises with rich LPG resources as strategic investors by means of capital increase and stock expansion to ensure the long-term stable supply of LPG raw materials.

Fine Chemicals and New Materials

This segment includes business units such as Functional Chemicals Branch, New Materials Division, Surface Materials Division, High Performance Polymer Division, Chlorine Products Division, Nutrition Technology Co., Ltd. and Battery Technology Co., Ltd.

Functional Chemicals Branch has a number of product lines such as special isocyanates, special amines and intermediates. It is committed to providing downstream customers with high-performance, stable quality raw materials and solutions, and promoting the green and sustainable development of composite materials, coatings, polyurethanes, rubber additives and other industries.

New Materials Division's main products include thermoplastic polyurethane elastomer (TPU), polyolefin elastomer (POE), nylon elastomer (PEBA), polymethyl methacrylate (PMMA), water treatment films, etc., which are widely used in photovoltaic, automotive, footwear and clothing fields, providing customers with customized material solutions.

The Surface Materials Division is committed to the R&D, production, sales and service of environment-friendly coatings and adhesive raw materials, SAP, silicone intermediates and terminal adhesives. The downstream market covers construction and industrial coatings, automotive coatings, water-based adhesives, electronic adhesives, fabric coatings and synthetic leather, personal and household care, release agents and bio-based products.

High-performance polymer business department mainly includes high-end polymers such as polycarbonate, biodegradable materials, nylon 12, modified plastics and related chemicals in the industrial chain. Its products are widely used in new energy, medical and health care, electronics and electrical appliances, high-end optics, green packaging and other fields, providing customers with high-quality, differentiated, green and sustainable polymer products and service solutions.

The chlorine products business department covers PVC, caustic soda, special PVC and other chlorine products, mainly used in building materials, industrial products, daily necessities and other fields. Based on the company's advantages in the isocyanate industry chain, expand and strengthen the chlor-alkali MDI/TDI/PVC industry chain.

Nutrition Technology Company's products mainly include spices, nutrients and high-end intermediates, and its downstream applications cover nutrition and health, daily chemical flavors, food flavors, personal care and other fields. Promote the health and sustainability of the industry and improve the quality of life of users through high-quality, healthy, green and low-carbon products.

Battery Technology Co., Ltd. focuses on battery materials and related chemicals, and its products cover lithium iron phosphate, silicon carbon anode, N-methylpyrrolidone (NMP), polyacrylic acid (PAA), etc., which are widely used in new energy vehicles, energy storage,

consumer electronics and other fields. Through continuous technological innovation, product iteration and industrial chain integration, it provides customers with customized, differentiated, green and low-carbon battery material solutions.

IV、 Analysis of core competitiveness during the reporting period

√Applicable □Not

Applicable Guided by excellent culture, driven by technological innovation and excellent operation, the company takes "six talents" as an important support and guarantee to promote the future development of Wanhua.

1. Good culture

Culture is the soul of an enterprise and the source of enterprise vitality.

With the corporate mission of "Advancing Chemistry, Transforming Lives".

Wanhua's vision is to "create an internationally leading new chemical materials company that is respected by the society, proud of its employees".

Wanhua practices the core values of "pragmatic innovation, pursuit of excellence, customer-oriented, responsible care, Thanksgiving and dedication, and team success".

Wanhua Chemical will firmly follow the road of green development, constantly innovate and pursue excellence, bring greater value to customers, employees and shareholders, and make life better with the power of chemistry!

2. Technological innovation

Wanhua Chemistry has formed an innovative R&D system from basic research, engineering development, process optimization to product application R&D. It has R&D platforms such as "National Engineering Research Center for Advanced Polymers", "National Certified Enterprise Technology Center", "National Technical Standard Innovation Base (New Chemical Materials)" and 9 "National Certified Analytical Laboratories".

In 2024, Wanhua continued to carry out device optimization and technical iteration in each park; Breakthrough in chemicals, high-end chemical new materials and solutions; Take the battery material business as the second growth curve and grasp the opportunity period; Adhere to sustainable industrial development and vigorously empower low-carbon development of downstream industries; We will continue to deepen organic cooperation with scientific research institutes, focusing on forward-looking fields such as batteries, artificial intelligence, nutritional chemicals, synthetic biology, electrochemistry and special materials.

3. Operational excellence

Wanhua has always been based on excellent operation, and has established an excellent operation system with Wanhua characteristics through years of practice; And according to the external environment and the company's business development, continuous improvement is made to improve business efficiency, customer satisfaction and the company's overall performance, so as to help each business develop efficiently and sustainably.

In 2024, micro-innovation was further integrated into the company's culture, forming a link with the company's mission, vision and values. At the same time, the combination of micro-innovation and excellent manufacturing system has become an effective means to optimize processes, improve efficiency and reduce costs, continuously enhance its competitiveness and maintain its leading position in the industry. Complete the promotion of the amoeba system in the production base, implement budget management reform, enhance the management awareness of all employees, do a good job in project control, create digital

intelligence advantages, build intelligent Wanhua, and escort the healthy development of the company under the guidance of the principle of "business driven and value oriented".

4. Talents with six good qualities

Wanhua Chemistry has always regarded talents as the most important strategic resource to cultivate and manage meticulously. It has always inspired people with a grand career vision, stimulated people with a scientific distribution system, condensed people with an excellent corporate culture, and trained people with a systematic talent development mechanism, with a view to building a team of "six talents" (passion, thought, mind, tenacity, responsibility and performance) that conforms to Wanhua standards, Provide inexhaustible impetus for enhancing the independent innovation ability of enterprises.

Wanhua Chemistry has intensified talent training, given full play to the role of the talent training platform of Wanhua University, built a highland for talent development, and cultivated more "six talents" for the company. In 2024, more than 25,000 people were trained. Provide employees with a good working environment and welfare treatment to ensure that their income and quality of life are guaranteed. Pay attention to the career development of employees, provide rich training and development opportunities, help employees improve their skills, and broaden their career development space.

V、Key operations during the reporting period

In 2024, the international environment is complex and changeable, the global economic pattern is deeply adjusted, trade restrictions are increased, and the global industrial chain and supply chain are rapidly reconstructed. The global chemical market demand is insufficient, competition continues to intensify, and the operating efficiency of enterprises in the industry is under pressure. The company actively responds to the impact of global economic and trade uncertainty, continuously deepens the global channel layout, continuously improves the level of independent operation of devices through digital and intelligent resource investment, and completes technological transformation and capacity expansion of multiple devices. The company's sales volume and sales revenue of major products in various business sectors maintained a year-on-year growth trend, while strengthening trade business management and control, prudently recognizing revenue, and trade revenue decreased year on year. In 2024, the company achieved sales revenue of RMB 182.069 billion, an increase of 3.83% over the same period last year; Net profit attributable to shareholders of listed companies was RMB 13.033 billion yuan, down 22.49% year on year; Earnings per share is RMB 4.15.

At the end of 2024, the total assets of the company were 293.33 billion yuan, an increase of 15.92% over the same period last year; The owner's equity attributable to the parent company was 94.63 billion yuan, an increase of 6.73% over the same period last year; The company's weighted average return on net assets was 14.29%, down 6.13 percentage points from the same period last year; Net assets per share was 30.14 yuan, an increase of 6.73% over the same period last year; The asset-liability ratio was 64.72%, an increase of 2.05 percentage points over the same period last year.

(I) Main business analysis

1、Analysis of changes in related accounts of income statement and cash flow statement

Unit: RMB Currency: RMB

Item	Amount of current period	Amount in the same period last year	Change ratio (%)
Operating income	182,069,119,160.94	175,360,935,668.36	3.83
Operating costs	152,642,583,643.90	145,926,359,223.32	4.60
Selling expenses	1,618,933,244.35	1,346,361,619.13	20.25
Administrative expenses	3,022,773,237.84	2,450,051,139.77	23.38
Financial expenses	2,094,484,339.39	1,676,471,684.26	24.93
Research and development expenditures	4,550,357,851.17	4,080,709,256.26	11.51
Net cash flow from operating activities	30,053,435,178.33	26,796,752,552.51	12.15
Net cash flow from investing activities	-37,077,680,248.74	-44,830,095,860.93	17.29
Net cash flow from financing activities	6,186,159,622.30	22,809,059,966.03	-72.88
Gains from changes in fair value	-76,388,802.79	81,566,532.81	-193.65
Credit impairment losses	-202,758,607.50	-42,877,862.46	-372.87
Assets impairment loss	-739,998,042.06	-135,298,783.23	-446.94
Gains on disposal of assets	39,015,408.06	521,534.62	7,380.89
Non-operating income	95,551,442.68	64,396,690.32	48.38
Non-operating expenses	1,137,090,103.12	443,711,885.52	156.27

Description of reasons for changes in operating income: there is no significant change.

Description of reasons for changes in operating costs: there is no significant change.

Reasons for changes in sales expenses: With the expansion of the company's scale and the continuous deepening of the global marketing network, the cost of marketing institutions and personnel increased year on year; At the same time, in order to improve the efficiency of global customer delivery, warehousing and logistics expenses increased year on year.

Reasons for changes in administrative expenses: the company's size and personnel increased, and the related expenses of management personnel increased year on year; The company continued to invest in digital intelligence capacity building, continued to build a competitive advantage in digital intelligence, and increased information expenditure.

Reasons for changes in financial expenses: mainly due to the year-on-year decrease in deposit interest income during the reporting period.

Reasons for changes in R&D expenses: The company continued to increase R&D investment around the iterative upgrading of existing business technology, technological breakthroughs in high-end chemical new materials, technological breakthroughs in battery materials, and research and development of sustainable development technologies.

Description of reasons for changes in net cash flows from operating activities: no significant changes.

Reasons for changes in net cash flows from investing activities: no significant changes.
Reasons for changes in net cash flows from financing activities: mainly due to the increase in cash payments for debt repayments in the current period.

Description of the reasons for the changes in income from changes in fair value: mainly due to the changes in the fair value of derivative financial instruments.

Reasons for changes in credit impairment losses: mainly due to the increase in provision for bad debts caused by the increase in accounts receivable in the current period.

Reasons for changes in asset impairment losses: mainly due to provision for inventory depreciation losses, impairment losses of construction in progress and fixed assets in the current period.

Reasons for changes in income from asset disposal: mainly due to the increase in assets disposed in the current period compared with the same period last year.

Reasons for changes in non-operating income: mainly due to the increase in carbon emission rights trading income in the current period.

Reasons for changes in non-operating expenses: mainly due to the increase in scrap losses of fixed assets and construction in progress in the current period.

Detailed description of significant changes in the company's business type, profit composition or profit source in the current period

☐Applicable ☒Not Applicable

2、Revenue and cost analysis

☒Applicable ☐Not Applicable

During the reporting period, due to the increase in product production and sales, the annual operating income and operating costs increased year on year.

(1).Main business by industry, product, region and sales model

Unit: RMB

Main business by industry						
By industry	Operating income	Operating costs	Gross margin (%)	Increase/decrease in operating income from prior year (%)	Increase/decrease in operating costs from prior year (%)	Increase or decrease in gross profit margin over the previous year (%)
Chemical industry	179,761,567,889.95	150,838,020,282.66	16.09	4.69	5.47	Decreased by 0.62 %
Other	1,588,296,623.28	1,217,691,439.60	23.33	-14.37	-24.33	Increased by 10.08%
Main business by product						
By product	Operating income	Operating costs	Gross margin (%)	Increase/decrease in operating income from prior year (%)	Increase/decrease in operating costs from prior year (%)	Increase or decrease in gross profit margin over the previous year (%)
Polyurethane Series	75,844,150,078.36	56,009,191,727.71	26.15	12.55	14.95	Decreased by 1.54%
Petrochemical Series	72,518,271,926.10	69,965,500,296.23	3.52	4.60	4.60	Increase by 0.01 %
Fine Chemicals and New Materials	28,273,080,500.47	24,661,116,345.41	12.78	18.61	31.66	Decreased by 8.64%
Other	21,134,172,170.69	17,801,322,483.82	15.77	-23.07	-28.24	Increase by 6.07 %
Offset	-16,419,810,162.39	-16,381,419,130.91	N/A	N/A	N/A	N/A
By region						
By region	Operating income	Operating costs	Gross margin	Increase/decrease in operating	Increase/decrease in operating	Increase or decrease in gross profit margin

			(%)	income from prior year (%)	costs from prior year (%)	over the previous year (%)
Domestic	103,772,154,314.97	84,582,751,843.76	18.49	9.97	11.72	Decrease by 1.28 %
Overseas	77,577,710,198.26	67,472,959,878.50	13.03	-2.06	-2.10	Increase by 0.04%
By sales mode						
Selling model	Operating income	Operating costs	Gross margin (%)	Increase/decrease in operating income from prior year (%)	Increase/decrease in operating costs from prior year (%)	Increase or decrease in gross profit margin over the previous year (%)
Direct sales	150,814,459,575.65	126,446,268,738.01	16.16	1.53	1.17	Increase by 0.30 %
Distribution by agents	30,535,404,937.58	25,609,442,984.25	16.13	22.00	30.37	Decreased by 5.39%

Description of main business by industry, product, region and sales mode

During the reporting period, the company actively responded to the impact of global economic and trade uncertainties, continuously deepened the global channel layout, continuously improved the level of independent operation of devices through digital and intelligent resource investment, and completed technological transformation and capacity expansion of many devices. Sales volume and sales revenue of major products in all business sectors of the company maintained a year-on-year growth trend, while production costs of some products also rose year-on-year due to factors such as rising prices of major raw materials such as pure benzene.

(2).Analysis of production and sales volume

√Applicable □Not Applicable

Products	Unit	Production (Volume)	Sales (Volume)	Inventories (Volume)	Change of Production (Volume) (%)	Change of Sales (Volume) (%)	Change in Inventories (%)
Polyurethane Series	10k tons	580	564	57	16.22	15.40	38.50
Petrochemical Series	10k tons	544	547	14	14.37	15.69	-17.60
Fine Chemicals and New Materials	10k tons	209	203	25	26.87	27.65	28.84

Note: The above sales volume includes internal usage between product lines.

(3).Performance of major purchase contracts and major sales contracts

□Applicable √Not Applicable

(4).Cost Analysis Sheet

Unit: RMB Currency: RMB

By industry							
By industry	Cost Component Project	Current amount	Proportion of total cost in the current period (%)	Amount in the same period last year	Proportion of total cost in the same period last year (%)	Changes in the amount of the current period compared with the same period last year (%)	situation explain
Chemical industry	Raw material	118,508,447,262.24	78.57	113,464,322,454.62	79.34	4.45	
Chemical industry	Labor salaries	4,897,085,325.25	3.25	4,175,705,542.97	2.92	17.28	
Chemical industry	Depreciation	10,004,689,528.45	6.63	8,543,307,105.93	5.97	17.11	
Chemical industry	Energy	9,914,002,850.51	6.57	9,606,979,088.51	6.72	3.20	

Chemical industry	Others	7,513,795,316.21	4.98	7,225,408,527.28	5.05	3.99	
	Total	150,838,020,282.66	100.00	143,015,722,719.31	100.00	5.47	
Other industries	Raw material	799,619,135.47	65.67	1,151,279,243.72	71.55	-30.55	
Other industries	Labor salaries	73,523,091.35	6.04	88,974,409.66	5.53	-17.37	
Other industries	Depreciation	84,290,203.60	6.92	86,571,485.63	5.38	-2.64	
Other industries	Energy	199,686,466.76	16.40	209,376,664.29	13.01	-4.63	
Other industries	Others	60,572,542.42	4.97	72,953,431.06	4.53	-16.97	
	Total	1,217,691,439.60	100.00	1,609,155,234.36	100.00	-24.33	
By product							
By product	Cost Component Project	Current amount	Proportion of total cost in the current period (%)	Amount in the same period last year	Proportion of total cost in the same period last year (%)	Changes in the amount of the current period compared with the same period last year (%)	situation explain
Polyurethane Series	Raw material	41,645,233,654.20	74.35	36,329,633,278.10	74.56	14.63	
Polyurethane Series	Labor salaries	2,457,104,647.29	4.39	2,220,718,010.22	4.56	10.64	
Polyurethane Series	Depreciation	3,942,257,638.92	7.04	3,127,710,395.56	6.42	26.04	
Polyurethane Series	Energy	3,592,051,405.03	6.41	2,944,624,934.93	6.04	21.99	
Polyurethane Series	Others	4,372,544,382.27	7.81	4,102,613,621.85	8.42	6.58	
	Total	56,009,191,727.71	100.00	48,725,300,240.66	100.00	14.95	
Petrochemical Series	Raw material	61,115,844,214.08	87.35	58,995,106,574.46	88.20	3.59	
Petrochemical Series	Labor salaries	868,067,421.12	1.24	765,274,714.45	1.14	13.43	
Petrochemical Series	Depreciation	3,314,601,990.45	4.74	2,956,484,536.81	4.42	12.11	
Petrochemical Series	Energy	3,174,059,066.53	4.54	2,750,813,528.41	4.11	15.39	
Petrochemical Series	Others	1,492,927,604.05	2.13	1,423,460,825.22	2.13	4.88	
	Total	69,965,500,296.23	100.00	66,891,140,179.35	100.00	4.60	
Fine Chemicals and New Materials	Raw material	17,537,621,562.13	71.11	12,870,704,709.41	68.71	36.26	
Fine Chemicals and New Materials	Labor salaries	1,368,180,154.62	5.55	1,096,841,668.51	5.86	24.74	
Fine Chemicals and New Materials	Depreciation	2,596,894,095.11	10.53	2,167,514,882.19	11.57	19.81	
Fine Chemicals and New Materials	Energy	1,771,483,350.42	7.18	1,343,366,010.78	7.17	31.87	
Fine Chemicals and New Materials	Others	1,386,937,183.13	5.63	1,253,047,936.18	6.69	10.69	
	Total	24,661,116,345.41	100.00	18,731,475,207.07	100.00	31.66	
Others	Raw material	12,265,680,366.03	68.90	17,885,234,871.52	72.10	-31.42	
Others	Labor salaries	640,450,575.71	3.60	481,778,405.68	1.94	32.93	
Others	Depreciation	1,090,667,536.68	6.13	1,070,021,562.73	4.31	1.93	
Others	Energy	2,863,323,676.43	16.08	4,294,155,646.57	17.31	-33.32	
Others	Others	941,200,328.97	5.29	1,076,643,743.69	4.34	-12.58	
	Total	17,801,322,483.82	100.00	24,807,834,230.19	100.00	-28.24	
Offset	Total	-16,381,419,130.91		-14,530,871,903.60			

Description of cost analysis

During the reporting period, the prices of some major raw materials rose, and the sales volume of products increased year-on-year, resulting in an increase in costs in 2024 compared with the same period last year.

(5).Changes in consolidation scope due to changes in equity of major subsidiaries during the reporting period

☐Applicable ☒Not Applicable

(6).Significant changes or adjustments in the Company's business, products or services during the reporting period

☐Applicable ☒Not Applicable

(7).Main sales customers and suppliers

A. Main sales customers

☒Applicable ☐Not Applicable

The sales of the top five customers were RMB 11,311,082,400 yuan, accounting for 6.21% of the total annual sales; Among the top five customers, the sales of related parties are zero, accounting for 0% of the total annual sales.

During the reporting period, the proportion of sales to a single customer exceeds 50% of the total, and there are new customers in the top five customers or serious dependence on a few customers

☒Applicable ☐Not Applicable

Unit: RMB 0'000 Currency: RMB

No	Customer Name	sales volume	Proportion in total annual sales (%)
1	Customer 1	279,425.16	1.53

B. Details of the Company's major suppliers

☒Applicable ☐Not Applicable

The purchase amount of the top five suppliers was RMB 20,865,536,800.00, accounting for 14.54% of the annual total purchase amount; Among the top five suppliers, the purchase amount of related parties is 0, accounting for 0% of the total annual purchase amount.

During the reporting period, the procurement proportion of a single supplier exceeds 50% of the total, and there are new suppliers or serious dependence on a few suppliers among the top five suppliers

☐Applicable ☒Not Applicable

3、Cost

☒Applicable ☐Not Applicable

Refer to "1. Analysis of changes in accounts related to income statement and cash flow statement" in this section.

4、R&D investment

(1).R&D investment

☒Applicable ☐Not Applicable

Unit: RMB

Expensed R&D investment in the current period	4,550,357,851.17
Capitalized R&D investment in the current period	
Total R&D investment	4,550,357,851.17
Proportion of total R&D investment in operating income (%)	2.50
Proportion of R&D investment capitalized (%)	

(2).R&D personnel

☒Applicable ☐Not Applicable

Number of R&D personnel	4,763
Proportion of R&D personnel to total number of employees (%)	14.30
Education structure of R&D personnel	
Education structure category	Number of people with educational background structure
Ph.D.	240
Master's degree	2,069
Bachelor degree and below	2,454
Age structure of R&D personnel	
Age Structure Category	Age structure
Under 30 (excl. 30)	2,523
30-40 years old (including 30 years old and excluding 40 years old)	1,782
40-50 years old (including 40 years old, excluding 50 years old)	321
50-60 years old (including 50 years old, excluding 60 years old)	117
60 and older	20

(3).Description

☒Applicable ☐Not Applicable

In 2024, the company invested 4.55 billion yuan in R&D, mainly focusing on the iterative upgrading of existing devices, breakthroughs in high-end new chemical materials, technological breakthroughs in battery materials, and research and development of sustainable development technologies.

In terms of iterative upgrading of existing devices, the company developed and used a number of new technologies such as ultra-low hydrochloric acid ratio, broke through the bottleneck of device operation, promoted the expansion of MDI and TDI devices, and maintained the global leading edge of the company's MDI and TDI products; Deeply optimize the whole process of petrochemical industry chain, the single production capacity of POCHP plant has reached the world's largest, new polyol process has been put into use, and all indicators are leading in the industry.

In terms of breakthroughs in high-end chemical new materials, the technologies independently developed by the company, such as POE, citral, VA, special isocyanate and polyurethane curing agent, have been industrialized and landed, and the device has been successfully started and running well.

In terms of tackling key problems in battery material technology, the company has broken through the whole process of three major anode materials, including graphite anode, silicon carbon anode and resin-based hard carbon anode, and continued to develop new technologies for cathode material differentiation to accelerate technological upgrading.

In terms of sustainable development technology research and development, the company continues to cultivate the degradable material industry and accelerate the development of low-cost solutions; Promote the process of polyurethane recycling and form a service plan for the whole life cycle of products; Promote the implementation of CO2 resource utilization plans and help the development of low-carbon economy.

(4).Reasons for significant changes in the composition of R&D personnel and their impact on the company's future development

☐Applicable ☒Not Applicable

5、Cash flow

☒Applicable ☐Not Applicable

Refer to "1. Analysis of changes in accounts related to income statement and cash flow statement" in this section.

(II) Description of significant changes in profit due to non-main business

☐Applicable ☒Not Applicable

(III) Analysis of assets and liabilities

☒Applicable ☐Not Applicable

1、Assets and liabilities

Unit: RMB

Item	Closing balance of current period	Proportion of ending balance of current period to total assets (%)	Closing balance of prior period	Proportion of ending balance of prior period to total assets (%)	Changes in the amount at the end of the current period compared with the end of the previous period (%)	Description
Derivative financial assets	77,892,526.87	0.03	144,322,543.41	0.06	-46.03	As a result of changes in the fair value of derivative financial assets.
Trade receivables	12,318,995,367.05	4.20	9,144,253,100.42	3.61	34.72	Mainly due to the increase in product sales revenue in the current period.
Other receivables	1,315,784,476.55	0.45	985,735,800.01	0.39	33.48	Mainly due to the increase in export tax rebates receivable in the current period.
Long-term receivables	1,396,306,994.82	0.48	1,049,537,619.45	0.41	33.04	This was mainly due to the increase in loans for housing purchases by employees in the current period.
Long-term equity investments	9,651,402,476.43	3.29	7,045,773,443.80	2.78	36.98	Mainly due to capital increase of joint ventures and associates in the current period.
Other non-current assets	4,521,319,589.74	1.54	9,338,166,613.23	3.69	-51.58	This is mainly due to the decrease in advance project payment.
Derivative financial liabilities	126,938,111.57	0.04	417,214,699.29	0.16	-69.57	Mainly due to the expiration of natural gas swap contracts.
Notes payable	42,523,650,849.26	14.50	30,613,624,317.97	12.10	38.90	Mainly due to the increase in bill settlement in the current period.
Trade payables	26,612,472,637.75	9.07	14,980,113,538.96	5.92	77.65	Mainly due to the increase in raw material purchase payables and project payables.
Employee benefits payable	1,004,963,603.59	0.34	1,649,736,338.67	0.65	-39.08	This is mainly due to the decrease in labor costs that have not yet been released at the end of the year.
Other payables	2,291,247,171.43	0.78	1,700,043,554.20	0.67	34.78	Mainly due to the increase in deposits, deposits and

						current accounts received in the current period.
Non-current liabilities due within one year	11,181,705,458.41	3.81	8,533,461,851.59	3.37	31.03	Mainly due to the transfer of part of long-term borrowings to non-current liabilities due within one year.
Bonds payable	3,400,000,000.00	1.16			100.00	As a result of the issuance of medium-term notes in the current period.
Long-term payables	2,038,896,258.73	0.70	156,729,000.00	0.06	1,200.91	Mainly due to the increase in sales and leaseback payables in the current period.
Long-term employee benefits payable	34,038,741.10	0.01	10,814,259.19	0.00	214.76	Mainly due to the increase in long-term benefits related to employees.
Provisions	451,063,151.04	0.15	202,925,233.37	0.08	122.28	This is mainly due to the cancellation of some investment projects and provision for estimated claims to suppliers.
Other comprehensive income	-466,719,405.84	-0.16	-148,292,722.27	-0.06	-214.73	Mainly due to changes in translation differences of foreign currency statements.

2、Overseas assets

√Applicable □Not Applicable

(1) Asset size

Including: overseas assets RMB 28.335 (unit: billion, currency: RMB), accounting for 9.66% of the total assets.

(2) Description of high proportion of overseas assets

□Applicable √Not Applicable

3、Restrictions on major assets as at the end of the reporting period

√Applicable □Not Applicable

Unit: RMB

Item	Ending period				Opening			
	Gross carrying amount	Carrying amount	Type of restriction	Restriction	Gross carrying amount	Carrying amount	Type of restriction	Restriction
Currency funds	1,858,005,902.45	1,858,005,902.45	other	Bank acceptance bill deposit, purchase deposit, guarantee deposit, product registration deposit, real estate company supervision account fund and others	213,598,830.34	213,598,830.34	other	Purchase deposit, bank acceptance bill deposit, product registration deposit, tax authority and railway authority deposit and others
Fixed assets	2,551,176,533.58	2,551,176,533.58	mortgage	Sale and leaseback (see Note VII. 82)				
Intangible assets					105,390,292.44	105,390,292.44	mortgage	For obtaining borrowings
Total	4,409,182,436.03	4,409,182,436.03	/	/	318,989,122.78	318,989,122.78	/	/

4、Other descriptions

□Applicable √Not Applicable

(IV) Analysis of industry operating information

√Applicable □Not Applicable

According to the Economic Operation of China's Petroleum and Chemical Industry in 2024 issued by the China Petroleum and Chemical Industry Federation, in 2024, the petrochemical industry will highlight high-quality development, innovation-driven, self-reliance and self-control, highlight green and low-carbon transformation and digital upgrading of traditional industries, implement new development concepts, lead the construction of modern industrial system with scientific and technological innovation, accelerate the construction of new development pattern, accurately grasp the principle of steady progress With the principle of promoting stability through progress, establishing first and breaking the "twelve words", we have made great efforts in transforming the mode, adjusting the structure, improving quality and increasing efficiency, and accelerated the high-quality development of the petrochemical industry and moving towards new industrialization. The whole industry has overcome the adverse factors such as insufficient downstream market demand, low product prices and obvious decline in enterprise benefits, and the economic operation has remained basically stable and made new breakthroughs. According to the data of the National Bureau of Statistics, the petrochemical industry achieved business income of 16.28 trillion yuan in 2024, an increase of 2.1% over the same period last year; The total profit was 789.71 billion yuan, down 8.8% year on year; The total import and export volume was 948.81 billion US dollars, down 2.4% year on year.

From the annual data, especially the year-on-year data, there is a trend of bottoming and stabilizing.

Analysis of operating information of chemical industry

1、 Basic information of the industry

(1).Industry policies and changes

☒Applicable ☐Not Applicable

In 2024, the Ministry of Industry and Information Technology and other nine departments jointly issued the Implementation Plan for the Innovation and Development of Fine Chemical Industry (2024-2027). The plan points out that around the needs of economic and social development, we should tackle a number of key products and further enhance the supply chain guarantee capacity of key industrial chains; We have broken through a number of key technologies for greening, safety and intellectualization, significantly improved energy efficiency, significantly reduced the total emission of volatile organic compounds, and significantly improved the level of intrinsic safety. The plan also proposes to cultivate more than 5 world-class enterprises with strong innovation leadership and collaborative integration capabilities, cultivate more than 500 specialized, special and new "Little Giant" enterprises, create more than 20 chemical parks with strong competitive advantages dominated by fine chemicals, and form an innovative development system of large and medium-sized enterprises and upstream and downstream enterprises.

The petrochemical industry highlights high-quality development, innovation-driven, self-reliance, self-reliance and self-control, highlights the green and low-carbon transformation and digital upgrading of traditional industries, implements the new development concept, leads the construction of modern industrial system with scientific and technological innovation, speeds up the construction of new development pattern, speeds up the high-quality development of the petrochemical industry and moves towards new industrialization The development of new energy and green industries provides opportunities.

(2).Basic information of major sub-sectors and the company's industry position

☒Applicable ☐Not Applicable

Polyurethane business segment

The polyurethane business includes isocyanates and polyether polyols.

Bulk isocyanates are classified into MDI and TDI. In 2024, the global economy grew slowly and the uncertainty of the global trade pattern intensified. Driven by downstream demand for household appliances, building insulation, automobiles and upholstered furniture, the global polyurethane industry achieved a small increase in market demand throughout the year. In 2024, on the basis of ensuring the stable operation of the original devices, the company completed the MDI expansion of Wanhua Ningbo and Wanhua Fujian, deepened the cooperation with strategic customers in downstream traditional industries, continuously cultivated new application fields, and maintained the healthy development of the industry.

Polyether polyol is another key raw material in polyurethane industry, which has a strong synergistic effect with isocyanate. Relying on the competitive advantages of globalization, leading technology, highly integrated industrial chain and close coordination of marketing channels, the company has developed into a polyether supplier and service provider with the largest domestic production capacity, the richest product structure, the most complete industrial chain and global operation.

Petrochemical business segment

At present, the petrochemical business mainly develops C2, C3 and C4 olefin derivatives. The domestic demand for ethylene and propylene is large, and the dependence on foreign countries is high. At present, Wanhua Yantai Industrial Park has a set of 750,000 tons/year PO/AE integrated plant and 1 million tons/year ethylene plant, and Penglai Industrial Park has 900 thousand tons/year PDH plant. Ethylene, propylene and downstream high-end polyolefin projects will continue to broaden the industrial chain and achieve industrial chain linkage and value chain synergy.

Fine Chemicals and New Materials

In 2024, the company continued to increase resource investment in the fine chemicals and new materials sector, and the competitiveness of various businesses continued to improve.

Functional Chemicals Branch's market share in major regions has been increasing, with many products fully produced and sold, and its market share has reached the leading position in the industry.

Aliphatic TPU high-end products (car clothing film/foam shoe materials) of New Materials Division have the leading global share, and PMMA optical products have the leading domestic share. In 2024, TPU Phase III, POE, PEBA and polycarbonate diol (PCDL) projects will be put into operation smoothly, MS and XLPE projects will be steadily promoted, and are expected to be put into operation in 2025. Establish POE and XLPE joint ventures with leading enterprises to quickly respond to market demand and promote the sustainable development of the new energy industry.

High-performance polymer business department has the largest market share of medium and high-end polycarbonate products in China, and the export volume of polycarbonate ranks first in China.

The water-based resin business of the Surface Materials Division has vigorously expanded overseas markets, doubled sales, and continued to actively promote the strategy of large customers in China; SAP's overseas business blossomed in many places; The MQ resin plant of the silicone business was put into operation, the customer structure of the terminal adhesive business was fully optimized and cooperation with upstream raw material enterprises was carried out, and the profitability continued to increase. Overseas markets have enhanced local sales and technical service capabilities, established a sound supply chain system, and greatly enhanced Wanhua's brand power, product power and industry influence.

Based on the company's advantages in chlorine resources, the Chlorine Products Division has developed a variety of high value-added chlorine products through technological upgrading, ranking first in the domestic direct sales customer cooperation in the whole industry, and the

share of advantageous industries has continued to expand.

The cooperation between the fragrance and high-end intermediate business of Nutrition Technology Company and its core customers has continued to deepen, and its market share has increased rapidly, so it has become an important supplier in the industry.

The battery material business relies on strong iterative product innovation and continuous layout of high-quality production capacity, continuously enhances product competitiveness, and ranks among the suppliers of leading battery cell customers.

2、 Products and Production

(1). Main business model

☒Applicable ☐Not Applicable

The company's business model: Wanhua Chemical adheres to the road of professional development and always focuses on the field of chemistry. In order to give full play to the company's advantages in technology and manufacturing, the company mainly carries out B2B business.

Procurement mode: The main raw materials required for the company's production are pure benzene, coal, LPG, salt and other bulk raw materials. By actively developing domestic and foreign supply channels, the company has established good strategic cooperation relations with suppliers, and comprehensively adopts various procurement modes such as fixed price, floating price and contract price, so as to achieve stable supply and low-cost procurement of raw materials.

Production mode: The company adopts the management and operation mode of headquarters overall planning and territorial production. The Company formulates monthly production objectives according to the annual production and operation plan, and dynamically adjusts them according to market demand and device conditions.

Sales model: The company's main business is the production and sales of chemical and fine chemicals and new material products. The main products are sold through direct sales and distribution through market-oriented operation.

Major adjustments to the business model during the reporting period

☐Applicable ☒Not Applicable

(2). Main products

√Applicable □Not Applicable

Product	Industry segment	Main upstream raw materials	Major downstream applications	Key factors affecting prices
Polyurethane	Chemical industry	Benzene	Thermal insulation, light industry, etc	Market supply and demand/raw materials
Petrochemicals	Chemical industry	LPG	Plastic, film, cable, etc	Market supply and demand/raw materials
Fine Chemicals and New Materials	Chemical industry	Internal supply	Automobile, coating, daily chemical, etc	Market supply and demand

(3). R&D innovation

√Applicable □Not Applicable

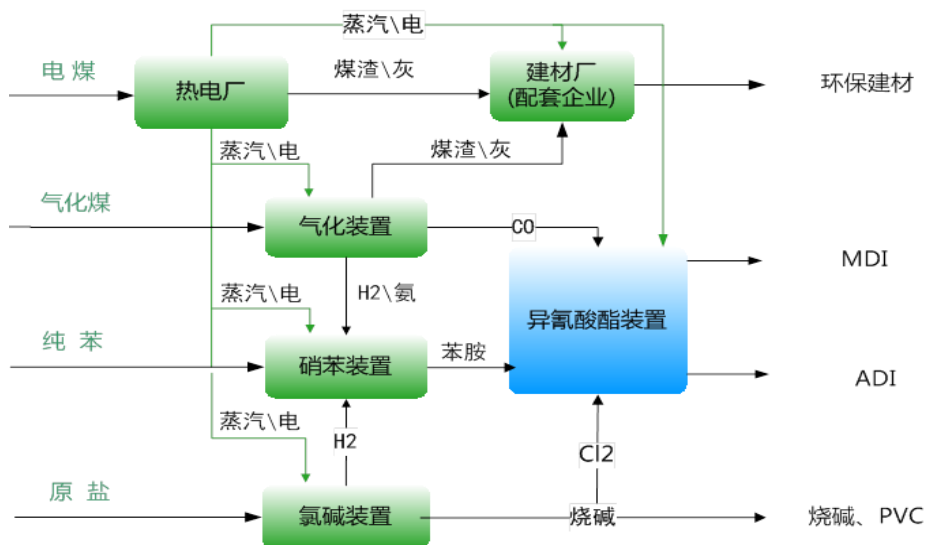
Refer to "(III) Technological innovation" in "I. Discussion and analysis of business situation" of this chapter.

(4). Production process

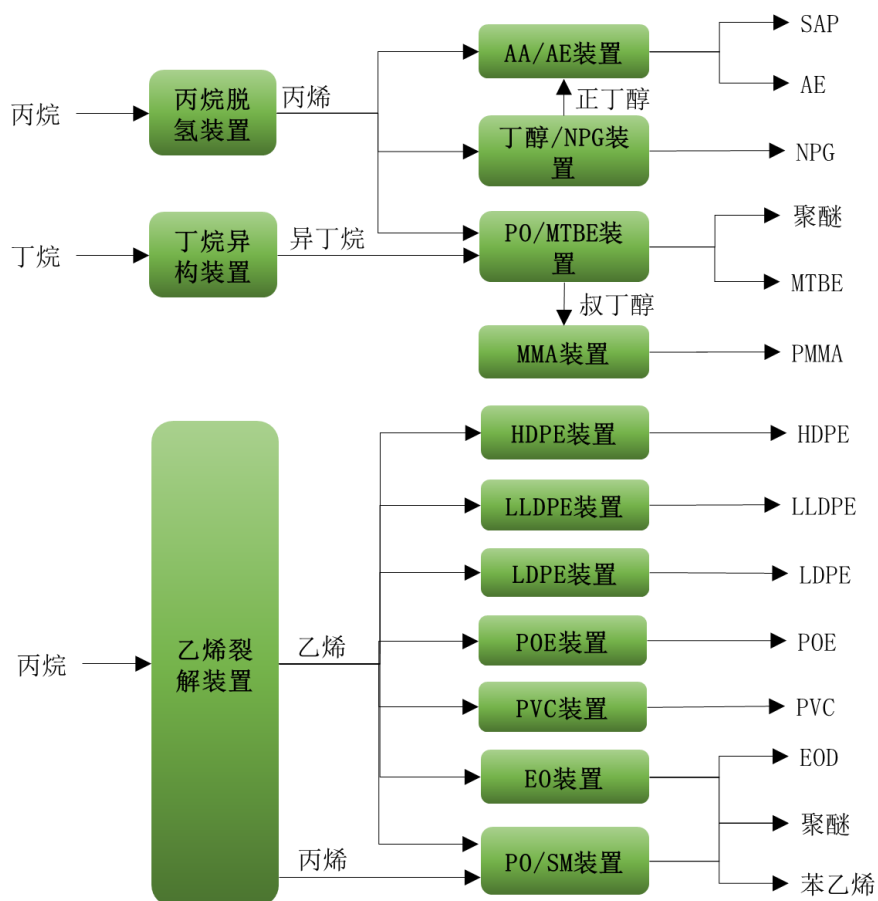
√Applicable □Not Applicable

The company has many product categories, covering oxidation, hydrogenation, phosgenation, polymerization, carbonylation, coal gasification and other processes involved in the chemical industry. Among them, isocyanate and petrochemical industry chains are closely combined, and fine chemicals and new materials industries are derived from the two industry chains.

The isocyanate and petrochemical industry chains are as follows:



Note: Environmental protection building materials are produced by supporting enterprises in the industrial park, not the company's products.



(5). Capacity and start-up

√Applicable □Not Applicable

Main plant or project	Design capacity	Capacity utilization (%)
Production capacity of polyurethane project	6.5 million tons/year (including 3.8 million tons/year for MDI project, 1.11 million tons/year for TDI project and 1.59 million tons/year for polyether project)	88
PO/AE Integration Project of Yantai Industrial Park	2.19 million tons/year	96
Yantai Industrial Park Polyurethane Industry Chain Integration - Ethylene Project	3.53 million tons/year	100
Yantai Industrial Park PC Project	600 thousand tons/year	78
Yantai Industrial Park PMMA Project	160 thousand tons/year	73

Increase or decrease in production capacity

√Applicable □Not Applicable

In April 2024, the MDI plant in Fujian Industrial Park completed technological transformation and capacity expansion from 400,000 tons/year to 800,000 tons/year; In December 2024, the MDI plant in Ningbo Industrial Park completed technological transformation and capacity expansion from 1.2 million tons/year to 1.5 million tons/year; In September 2024, the production capacity of PC after overhaul was 600,000 tons; In May 2024, the special polyether project was put into operation.

Adjustment of product line and capacity structure optimization

√Applicable □Not Applicable

Abnormal shutdown

□Applicable √Not Applicable

3、 Raw material procurement

(1).Basic information of main raw materials

☐Applicable ☒Not Applicable

Main raw materials	Procurement mode	Settlement method	Price change ratio (%)	Purchase volume
Pure benzene	Long term agreement+spot	T/C	14.5	3.14 million tons
Chemical coal	Long term agreement	Monthly settled by T/T	-12.6	4.5 million tons
Propane	Comprehensive use of contract price, fixed price, floating price and other procurement modes, mainly with overseas mainstream LPG suppliers to carry out stable cooperation.	Settled by order	-1.46	9.13 million tons
Butane			2.43	

(2).Basic information of main energy sources

☒Applicable ☐Not Applicable

Main energy sources	Procurement mode	Term of payment	Price change ratio (%)	Purchase volume
Power	Procurement as per long-term agreement	Monthly settled by T/T	-3	13.87 billion kWh

Note: The above data include overseas subsidiaries.

(3).Response to the risk of raw material price fluctuation

Main information of financial products held such as derivatives

☒Applicable ☐Not Applicable

Refer to Section X, XII. 2 of this report.

(4).Basic information of other methods such as periodic reserve

☐Applicable ☒Not Applicable

4、 Product sales

(1). Basic information of the company's main business by industry segment

√Applicable □Not Applicable

Unit: RMB

Sector breakdown	Operating income	Operating costs	Gross margin (%)	Increase/decrease in operating income from prior year (%)	Increase/decrease in operating costs from prior year (%)	Increase or decrease in gross profit margin over the previous year (%)	Gross margin of products in the same industry and field
Polyurethane Series	75,844,150,078.36	56,009,191,727.71	26.15	12.55	14.95	Decreased by 1.54%	Unknown
Petrochemical Series	72,518,271,926.10	69,965,500,296.23	3.52	4.60	4.60	Increase by 0.01%	Unknown
Fine Chemicals and New Materials	28,273,080,500.47	24,661,116,345.41	12.78	18.61	31.66	Decreased by 8.64%	Unknown
other	21,134,172,170.69	17,801,322,483.82	15.77	-23.07	-28.24	Increase by 6.07%	Unknown

(2). Basic information of the company's main business by sales channels

√Applicable □Not Applicable

Unit: RMB Currency: RMB

Sales channel	Operating income	Increase/decrease in operating income from prior year (%)
Direct sales	150,814,459,575.65	1.53
Distribution	30,535,404,937.58	22.00

Description of accounting policies

□Applicable √Not Applicable

5、 Environmental Protection and Safety

(1). Basic information of major production safety accidents of the Company during the reporting period

□Applicable √Not Applicable

(2). Significant environmental violations

□Applicable √Not Applicable

(V) Investment analysis**Overall analysis of foreign equity investments**

√Applicable □Not Applicable

Unit: RMB 0'000

Item	2024	2023
Extra-group investment	238,638.20	45,653.85

Unit: RMB 0'000

Corporate name	Operating activities	Type	Investment amount
AW Shipping Limited	Ship leasing	Capital increase	121,281.24
Anhui Liuguo Chemical Co., Ltd.	Chemical raw materials and chemical products manufacturing	Equity acquisition	11,579.52
Guoneng (Fuzhou) Thermal Power Co., Ltd.	Power and heat production and supply	Capital increase	15,326.42
Hehai New Energy Development (Penglai) Co., Ltd.	Power and heat production and supply	establishment	2,190.00
Lindewanhua (Ningbo) Gas Co., Ltd.	Chemical raw materials and chemical products manufacturing	establishment	4,900.00
Hubei Huiyang New Materials Co., Ltd.	Chemical raw materials and chemical products manufacturing	Equity acquisition	17,999.52
CNNC Shandong Nuclear Energy Co., Ltd.	Power and heat production and supply	Capital increase	42,911.50
Yuanan Xinghua Mining Co., Ltd.	Ferrous metal mining and dressing industry	establishment	20,000.00
Yuanan Xinghua Phosphorus Chemical Co., Ltd.	Chemical raw materials and chemical products manufacturing	establishment	2,450.00
total	/	/	238,638.20

1、Significant equity investments

□Applicable √Not Applicable

2、Significant non-equity investments

□Applicable √Not Applicable

3、Financial assets measured at fair value

√Applicable □Not Applicable

Unit: RMB 0'000

Asset class	Opening balance	Profit or loss from changes in fair value during the period	Accumulated changes in fair value recognised in equity	Provision for impairment in the current period	Purchase amount of current period	Amount sold/redeemed in the current period	Other changes	Ending balance
Derivative financial assets	144,322,543.41	-75,673,984.72	9,243,968.18					77,892,526.87
Receivables financing	1,697,775,630.06				42,052,122,293.07	42,586,110,917.60	135,192,931.27	1,298,979,936.80
Investments in other equity instruments	594,868,852.16		-29,991,921.15					564,876,931.01
total	2,436,967,025.63	-75,673,984.72	-20,747,952.97		42,052,122,293.07	42,586,110,917.60	135,192,931.27	1,941,749,394.68

Securities investments

□Applicable √ Not Applicable

Description of securities investments

□Applicable √Not Applicable

Private equity investments

□Applicable √ Not Applicable

Derivatives investments

√Applicable □Not Applicable

(1). Derivatives investments for hedging purposes during the reporting period

□Applicable √ Not Applicable

(2). Derivatives investments for speculative purposes during the reporting period

☐ Applicable ☒ Not Applicable

Other notes:

From January to December 2024, the derivatives investment business carried out by the company is based on the company's normal purchase and sales business and forward settlement and purchase of foreign exchange needs. The company uses relevant swap contracts to hedge the expected purchase and inventory value of related raw materials, the price risk of expected sales of products and the risk of foreign exchange rate changes. The relevant raw materials and products involved include natural gas, liquefied petroleum gas (LPG), carbon emission rights, lithium carbonate, and the currencies involved in the relevant foreign exchange include US dollars, euros, RMB and Hungarian forint. Refer to Note XII. 2 for details.

4、Specific progress of major asset restructuring and integration during the reporting period

☐Applicable ☒Not Applicable

(VI) Sale of significant assets and equity

☐Applicable ☒Not Applicable

(VII) Analysis of major controlling and participating companies

☐Applicable ☒Not Applicable

1. Wanhua Chemical (Ningbo) Co., Ltd., a wholly-owned subsidiary, was established on February 27, 2006. The company is mainly engaged in the development and production of polyurethanes and additives, isocyanates and derivatives; Production of phosgene, formaldehyde, liquid oxygen, liquid nitrogen, hydrochloric acid and compressed air; Technology, consulting services, etc. The registered capital of the company is RMB 936 million, the total assets are about RMB 33.25 billion, and the net assets are RMB 16.13 billion. During the reporting period, the operating income was RMB 35.18 billion, the operating profit was RMB 5.68 billion, and the net profit was RMB 4.84 Billion.

2. Wanhua Chemical (Fujian) Co., Ltd., a holding subsidiary, was established on April 16, 2020, and the company's main business is the development, production and sales of isocyanates and derivatives, PVC, liquid ammonia, formaldehyde, hydrochloric acid and other chemical products; Sales of specialty chemicals, coal and products; Port operation, cargo import and export; Thermal production and supply. The registered capital of the company is RMB 5.18 billion, the total assets are RMB 35.86 billion, and the net assets are RMB 8.35 billion. During the reporting period, the operating income was RMB 15.78 billion, the operating profit was RMB 3.18 billion, and the net profit was RMB 2.73 billion.

3. BorsodChemZrt., a wholly-owned subsidiary, was established on August 22, 1991. The company is mainly engaged in the development, production and sales of isocyanates and derivatives, PVC, caustic soda, hydrochloric acid and other chemical products; The production and sale of electricity; Sales of natural gas; Land and housing leasing, technology, consulting services, etc. The registered capital of the company is RMB 408.94 million, the total assets are RMB 24.03 billion, and the net assets are RMB 12.27 billion. During the reporting period, due to the decline in the price of TDI and other products, the year-on-year increase in energy costs and period expenses, the company's profit decreased year-on-year, with operating income of RMB 19.04 billion, operating loss of RMB 756.95 million and net loss of RMB 937.78 million.

4. Wanhua Chemical Group Petrochemical Sales Co., Ltd., a wholly-owned subsidiary, is mainly engaged in the sales of chemical products, special chemical products and other products, as well as the import and export of goods. The registered capital of the company is RMB 1.51 billion, the total assets are RMB 6.83 billion, and the net assets are RMB 1.56 billion. During the reporting period, the operating income was RMB 26.12 billion and the net profit was RMB 15.66 million.

5. Wanhua Chemical (Yantai) Chlor-Alkali Thermal Power Co., Ltd. (Hereinafter referred to as "Yantai Chlor-Alkali Thermal Power"), a holding subsidiary, is mainly engaged in the production and sales of chlor-alkali chemical products, thermal power engineering, steam, industrial water and so on. The registered capital of the company is RMB 400 million, the total assets are RMB 4.34 billion, and the net assets are RMB 2.82 billion. During the reporting period, the net profits was RMB 860.48 million.

6. Wanhua Chemical (Ningbo) Chlor-Alkali Co., Ltd., a holding subsidiary, is mainly engaged in the manufacturing of caustic soda, liquid chlorine, hydrochloric acid, sodium hypochlorite, chlorinated paraffins and chemical machinery; Filling of hydrogen and liquid chlorine, inspection of seamless gas cylinder (hydrogen limit) and welded gas cylinder (liquid chlorine limit); Wholesale and retail of corrosive products (sulfuric acid) and flammable liquids (methanol and toluene); Chemical technology consultation and service, chemical technology development; Self-operated and agent for the import and export of all kinds of goods and technologies, with the exception of goods and technologies limited by the State. The registered capital of the company is RMB 170 million, the total assets are RMB 1.58 billion, and the net assets are RMB 730.63 million. During the reporting period, the net profit was RMB 444.37 million.

7. Wanhua Chemical (Ningbo) Rongwei Polyurethane Co., Ltd., a holding subsidiary, is mainly engaged in the production and sales of polyurethane materials and their products, as well as the import and export of goods and technologies. The registered capital of the company is RMB 150 million, the total assets are RMB 1.58 billion, and the net assets are RMB 925.16 million. During the reporting period, the net profit was RMB 247.71 million.

(VIII) Structured entities controlled by the Company

☐Applicable ☒Not Applicable

VI、 Discussion and analysis of the company's future development

(I) Industry competitive landscape and development trends

☒Applicable ☐Not Applicable

The petrochemical industry is developing towards high-quality direction, and innovation-driven, green and low-carbon, digital and intelligent have become the consensus of the whole industry.

Innovation-driven. In recent years, international chemical giants have been focusing on high-end and differentiated directions, competing to lay out the high-tech product market with large added value. The current structural situation of the domestic petrochemical industry is dominated by bulk basic products and general materials, and the structural contradiction of "low-end excess and high-end shortage" is still prominent. It is necessary to focus on the national strategic needs, accelerate the original and leading scientific and technological research, and focus on breakthroughs in high-end polyolefins, high-performance engineering plastics, high-performance fibers and composites, high-performance membrane materials, biomedical materials New chemical materials and fine chemicals represented by electronic chemicals will improve the level of localization, achieve autonomy and controllability, and provide key raw material supply security for strategic emerging industries such as electronic information, low altitude economy, high-end equipment and new energy.

Green and low-carbon. Green transformation of chemical enterprises is an inevitable requirement for the sustainable development of the industry. The main paths include clean energy utilization, production process optimization, resource recycling, green supply chain linkage, etc. In terms of clean energy utilization, traditional fossil fuels are replaced by increasing the proportion of renewable energy (solar energy, wind energy, etc.). In terms of production process optimization, increase R&D investment and develop or introduce more low-carbon and environmentally friendly technical solutions. In terms of resource recycling, on the one hand, low-carbon substitution of raw materials is implemented to promote the application of biological manufacturing; On the other hand, we should actively promote the circular economy model, improve the utilization rate of resources and reduce waste

generation. In terms of green linkage in the supply chain, we should strengthen upstream and downstream cooperation in the supply chain, implement green procurement strategies, and ensure that the supply of raw materials meets environment-friendly standards.

Digital intelligence. At present, artificial intelligence, big data and other technologies are developing rapidly. AI, as the core engine leading a new round of scientific and technological revolution and industrial transformation, is reshaping the industry pattern and promoting social progress. The application of artificial intelligence and digital technology in the petrochemical and chemical industry can significantly improve the ability of chemical process data acquisition, simulation and analysis, assist in molecular simulation at the R&D end, find the best chemical molecular structure of new materials, and shorten the R&D cycle; Strengthen the integrated management and control of the whole process on the production side to improve production efficiency and operation level. Through the transformation, upgrading and intelligent development of digital and intelligent industries, we will build intelligent factories, smart workshops and smart parks, and promote the deep integration of digital economy and real industry.

(II) Company development strategy

√Applicable ☐Not Applicable

The company take insights into the needs of society and customers, focuses on the field of new chemical materials with high technology and high added value, takes good culture as the guide, technological innovation as the core, excellent operation as the basis, and talents as the foundation, implements the development strategy of high-end, integration, scale, intelligence, greening, globalization and low cost, and becomes an internationally leading new chemical material company.

(III) Business plan

√Applicable ☐Not Applicable

The management theme in 2025 is the "Year of Change", which is deployed around the four aspects of "concept change, organizational change, budget management change and incentive system change", transforming from extensional growth to intensional and intensive growth, from high-speed expansion to high-quality development, and from management to operation.

Guided by a transformation in mindset, the company will shift from a management-oriented to a business-oriented approach. This involves instilling a performance-driven culture across all business units, emphasizing value creation, and eliminating the 'collective pot' mentality. By tightly aligning individual incentives with departmental operational performance, the company aims to fully mobilize the initiative and creativity of all employees, strengthening our ability to navigate competitive challenges and thrive in red ocean markets.

The company restructures the organization by streamlining management layers, consolidating and reducing redundant units, and controlling functional headcount. This realignment focuses on enhancing organizational efficiency by ensuring the structure aligns with each department's core business nature and developmental stage. Through these measures, Wanhua aims to strengthen organizational capabilities, drive transformation within business units, and ultimately elevate overall operational effectiveness. The company aims to develop a profound understanding of the company's operational essence and business development needs, with a focus on cultivating a cohort of managers who possess strategic vision, business acumen, and cost awareness. This initiative aims to build high-performing teams capable of independent thinking and autonomous operations. Simultaneously, through

the 'Micro-Consulting' approach, the company will work closely with business units to identify and address their most pressing challenges. By translating methodologies into tangible business outcomes, the company will effectively drive organizational transformation and ensure its successful implementation.

(IV) Possible risks

☒Applicable ☐Not Applicable

1. Safety risks

Safe production is the bottom line, the red line, but also the lifeline, is the foundation of Wanhua Foundation.

Long-term strategy of Wanhua safety management: With risk management as the core, safety leadership and safety culture as the cornerstone, capability improvement and audit as the starting point, and excellent execution and implementation as the foundation, Wanhua's safety management capability and performance will be comprehensively improved.

In 2024, the company's PHA (Process Hazard Analysis) audit work increased, and 2,699 dynamic update guidance and inspection audits were completed for 270 processes of 157 devices in the whole year, and 33 processes of 22 devices in Ningbo, Fujian and Sichuan were tutored, with 551 tutors. Complete the fourth HSE engineer capability improvement training as planned, with a total of four 12 courses and 28 HSE engineers trained. Jointly with Wanhua University and Equipment Company, the Company completed the development of 9 coursewares and organized 5 training sessions (6 days each), with a total of 3784 managers trained to comprehensively improve the Company's safety management capabilities.

2. Risk of performance management failing to keep pace with business development

With the increasingly fierce competition in the chemical industry, only by reforming the original incentive system, making all business departments pay more attention to performance, and promoting the transformation of all employees from cost control to value creation, can the company's management efficiency and product competitiveness be further improved.

In 2024, the company formed scientific assessment principles according to the characteristics of mature business and emerging business. On the basis of holding the four bottom lines of safety, environmental protection, quality, integrity and confidentiality, we should grasp the key indicators, make the first principle the focus of our work, and shape each position into the driving unit of the company's high-quality development.

3. Talent supply risk

Wanhua always regards talents as the most important strategic resource. At present, Wanhua's product research and development and project construction are still in a growth period, and the demand for talents is urgent, facing the risk of insufficient high-end talents, especially leading talents.

In 2024, the company gave full play to the advantages of Yantai's talent policy and the brand advantages of Wanhua Global R&D Center, continued to increase the introduction of high-level talents, 105 PH.D were hired throughout the year, and further enhanced the talent advantages of the innovation team. At the same time, we will make full use of the training strength of Wanhua University to enhance the professional and management capabilities of existing talents and better provide talent support for the development of the company.

(V) Other

☐Applicable ☒Not Applicable

VII、 Description of circumstances and reasons why the Company fails to disclose in accordance with the Standards due to non-application of the Standards or special reasons such as state secrets and trade secrets

☐Applicable ☒Not Applicable

Section IV Corporate Governance

I、 Description of corporate governance

☒Applicable ☐Not Applicable

During the reporting period, the Company continuously improved the corporate governance structure and standardized the operation of the Company in accordance with the requirements of laws, regulations and rules such as Company Law, Securities Law, Governance Standards for Listed Companies and Listing Rules of Shanghai Stock Exchange. The actual situation of corporate governance meets the requirements of the Company Law and the Corporate Governance Standards for Listed Companies issued by the CSRC.

During the reporting period, the first meeting of the ninth board of directors in 2024 held by the company on March 16, 2024 considered and adopted the Bill on Amending Some Articles of Association, the Bill on Amending the Rules of Procedure of the Board of Directors of Wanhua Chemical Group Co., Ltd. and the Bill on Amending the Independent Director System of Wanhua Chemical Group Co., Ltd. Proposal on Amending the Implementation Rules of Audit and Compliance Management Committee under the Board of Directors of Wanhua Chemical Group Co., Ltd., Proposal on Amending the Implementation Rules of Nomination Committee under the Board of Directors of Wanhua Chemical Group Co., Ltd., and Proposal on Amending the Implementation Rules of Remuneration and Appraisal Committee under the Board of Directors of Wanhua Chemical Group Co., Ltd. Proposal on Amending the Related Party Transaction System of Wanhua Chemical Group Co., Ltd.

Whether there are significant differences between corporate governance and laws, administrative regulations and the provisions of the CSRC on the governance of listed companies; If there are significant differences, the reasons shall be explained

☐Applicable ☒Not Applicable

II、 Specific measures taken by the controlling shareholders and actual controllers of the Company to guarantee the independence of the Company's assets, personnel, finance, institutions and business, as well as solutions, work progress and subsequent work plans adopted to affect the independence of the Company

☐Applicable ☒Not Applicable

The controlling shareholder, actual controller and other units under their control are engaged in the same or similar business as the Company, as well as the impact of horizontal competition or significant changes in horizontal competition on the Company, the measures taken, the progress of resolution and the subsequent resolution plan

☐Applicable ☒Not Applicable

III、 Brief introduction to the general meeting of shareholders

Session	Date Held	Designated index website of resolutions publicized	Disclosure date of decision publication	Meeting resolution
2023 Annual General Meeting of Shareholders	April 8, 2024	www.sse.com.cn	April 9, 2024	Deliberated and approved a total of 18 proposals such as the Final Financial Report of Wanhua Chemical Group Co., Ltd. for 2023 and the Profit Distribution Plan of Wanhua Chemical Group Co., Ltd. for 2023

Shareholders of preference shares with restored voting rights request to convene an extraordinary general meeting

☐Applicable ☒Not Applicable

Description of the General Meeting of Shareholders

☐Applicable ☒ Not Applicable

IV、 Directors, supervisors and senior management

(I) Shareholding changes and remuneration of current and outgoing directors, supervisors and senior managers during the reporting period

√Applicable □Not Applicable

Unit: Shares

Name	Position	Gender	Age	Term Start Date	Term End Date	Shares held at the beginning of the year	Shares held at the end of the year	Increase /decrease of number of shares held	Reason for the change	The Company's total amount of compensation after tax for the reporting period (RMB 0'000)	Individual income tax, social insurance and housing fund (RMB 0'000)	Whether the related parties get paid
Liao Zengtai	Director	Male	62	March 28, 2008	May 12, 2026					165.82	6.55	no
	Chairman			October 26, 2016	May 25, 2026							
Kou Guangwu	Director	Male	59	August 12, 2009	May 12, 2026					308.03	201.79	no
	President			April 20, 2019	May 25, 2026							
Hua Weiqi	Director	Male	53	March 7, 2019	May 12, 2026					262.03	163.17	no
	Executive Vice President			April 20, 2019	May 25, 2026							
Rong Feng	Director	Male	60	March 7, 2019	May 15, 2025					16.91	4.29	yes
Liu Xunzhang	Director	Male	53	April 8, 2024	May 15, 2025					12.00	3.00	yes
Wang Qingchun	Director	Male	45	April 11, 2022	May 12, 2026					16.91	4.29	yes
Guo Xingtian	Director	Male	64	December 12, 1998	May 12, 2026					16.00	4.00	yes

Wu Changqi	Independent director	Male	70	April 11, 2022	May 12, 2026					22.93	6.67	no
Wang Huacheng	Independent director	Male	62	April 11, 2022	May 12, 2026					22.52	6.48	no
Ma Yuguo	Independent director	Male	53	May 12, 2023	May 12, 2026					22.52	6.48	no
Li Zhongxiang	Independent director	Male	42	April 27, 2020	May 12, 2026					22.52	6.48	no
Cong Hao	Supervisor	Male	55	April 15, 2022	May 16, 2026					102.18	37.01	no
Wang Jianbo	Supervisor	Male	56	February 15, 2019	May 16, 2026					98.15	35.81	no
Liu Zhijun	Supervisor	Male	45	May 13, 2019	May 12, 2026					16.00	4.00	yes
Chen Yifeng	Senior Vice President	Male	59	March 14, 2015	May 25, 2026					235.49	140.29	no
Li Limin	Vice president	Male	50	June 25, 2018	May 25, 2026					217.96	124.65	no
	Person in charge of finance			April 20, 2019	May 25, 2026							
	Secretary of the Board			April 20, 2019	May 25, 2026							
Chen Dianxin	Director	Female	59	March 7, 2019	April 8, 2024					4.00	1.00	yes
Total	/	/	/	/	/				/	1,561.97	755.96	/

Name	Main work experience
Liao Zengtai	Born in April 1963, he has a master's degree, is a senior engineer, an expert on special allowance of the State Council, and a deputy to the 14th National People's Congress. He has served as the designer of the technical section of Yantai Synthetic Leather General Factory, the deputy section chief of the equipment and power section of MDI Branch Factory, the leader of the second phase engineering technical group, the assistant to the factory director and the deputy factory director, the chief engineer and deputy general manager of Yantai Wanhua Polyurethane

	Co., Ltd., the general manager of Ningbo Wanhua Polyurethane Co., Ltd., the chairman and party secretary of Wanhua Industrial Group, and the president of Wanhua Chemical Group Co., Ltd. He is currently the Chairman and Secretary of the Party Committee of Wanhua Chemical Group Co., Ltd.
Kou Guangwu	Born in December 1966, he holds a master's degree in chemical production management engineer, super management accountant and senior accountant from the Party School of the Provincial Party Committee. In July 1986, he joined Yantai Synthetic Leather Factory (the predecessor of Wanhua Chemical Group); From 1993 to November 1998, he successively served as deputy section chief, section chief, assistant minister and deputy minister of Yantai Wanhua Synthetic Leather Group Company; He has been the chief accountant and deputy general manager of Wanhua Chemical Group since December 1998; In March 2008, he served as executive vice president and financial officer, secretary of the board of directors and director of Wanhua Chemical Group; In April 2019, he served as president and director of Wanhua Chemical Group; He is currently the deputy secretary, president and director of the Party Committee of Wanhua Chemical Group, and concurrently the secretary and chairman of the Party Committee of Wanhua Chemical (Fujian) Company.
Hua Weiqi	Born in March 1972, Doctor of Chemical Engineering, MBA. He joined Wanhua Chemical Group in January 2001; From January 2001 to December 2001, he was a researcher in the Technical Research Department; Director of the Chemical Process Research Institute from December 2001 to February 2003; Minister of Development Planning from February 2003 to February 2005; MDI device manager of Production Department from February 2005 to August 2006; Manager of Technical Research Department, Technical Director and General Manager of Technical Research Department from August 2006 to April 2010; Vice President of Wanhua Chemical Group from April 2010 to April 2019; Since April 2019, he has served as executive vice president and director of Wanhua Chemical Group.
Rongfeng	Born in January 1965, member of the Communist Party of China, with a graduate degree. From July 1984 to October 2018, he successively served as a member of the Industrial Section of the Financial Resident Management Office of Yantai City, a deputy mayor of Zangjiazhuang Town, Qixia County, a deputy chief of the Financial Resident Management Office of Yantai City, a deputy chief of the Statistical Evaluation Section, a chief of the Statistical Evaluation Section, a chief accountant and a deputy director of the Statistical Evaluation Section of the SASAC of Yantai City. From October 2018 to April 2025, he served as Secretary of the Party Committee and Chairman of Yantai Guofeng Investment Holding Group Co., Ltd.
Liu Xunzhang	Born in February 1972, a member of the Communist Party of China, with a bachelor's degree. From January 1993 to January 2022, he successively served as an officer of the CPPCC Committee, deputy secretary of the Youth League Committee and secretary of the Youth League Committee of Dachenjia Town, Longkou City, secretary of the Youth League Committee and deputy mayor of Beima Town, Longkou City; Deputy Director of the Letters and Calls Bureau of Longkou Municipal Party Committee and Municipal Government; Director of Longkou Earthquake Bureau; Deputy Secretary of the Party Committee and Mayor of Zhuyouguan Town, Longkou City; Deputy Secretary of the Party Working Committee of Longkou Economic Development Zone; Secretary of the Party Working Committee of Longgang Street; Secretary of the Party Committee of Langao Town, Longkou City; Secretary and Director of the Party Leadership Group of Longkou Environmental Protection Bureau; Member of the Party Leadership Group of Longkou Municipal Government, Secretary and Director of the Party Leadership Group of the Municipal Comprehensive Law Enforcement Bureau; Secretary of the Party Committee and Director of the Finance Bureau of Longkou City; Director of Longkou Economic Development Zone Management Committee; Secretary of the Party Working Committee of Longkou Economic Development Zone; Director of Longkou Financial Services Center; Deputy Mayor of Longkou Municipal Government. From January 2022 to November 2023, he served as the full-time deputy secretary of the Party Committee of Yantai Guofeng Investment Holding Group Co., Ltd.; From November 2023 to February 2025, he served as deputy secretary and general manager of the Party Committee of Yantai Guofeng Investment Holding Group Co., Ltd.; Since February 2025, he has been the general manager of Yantai Municipal Public

	Utilities Group Co., Ltd.
Wang Qingchun	Born in January 1980, member of the Communist Party of China, bachelor's degree, asset appraiser and accountant. From July 2003 to December 2021, he successively served as a staff member of the People's Government of Tangezhuang Town, Laiyang Municipal Committee of the Communist Youth League and the working committee of organs directly under Laiyang City, a staff member and deputy chief staff member of the Office of Yantai State-owned Assets Supervision and Administration Commission, and a deputy section chief, chief staff member and section chief of the Property Rights Management Section. From January 2022 to March 2025, he served as an external director of Yantai Guofeng Investment Holding Group Co., Ltd. and Yantai Lantian Investment and Development Group Co., Ltd.; Convener of external directors of Guofeng Group and Lantian Group, and general convener of external directors of municipal enterprises dispatched by Yantai SASAC. Since March 2025, he has served as an external director of Yantai Guofeng Investment Holding Group Co., Ltd. and Yantai Transportation Group Co., Ltd.; Convener of external directors of Guofeng Group and general convener of external directors of municipal enterprises dispatched by Yantai SASAC. Since April 2022, he has been a director of Wanhua Chemical Group Co., Ltd.
Guo Xingtian	Born in May 1961, he holds a master's degree and is a senior accountant. He is currently a deputy to the 14th National People's Congress. He was a director, secretary of the board of directors and deputy general manager of Yantai Wanhua Polyurethane Co., Ltd. He is currently the chairman of Wanhua Hexiang Ecological Technology Co., Ltd., director of Wanhua Chemical Group Co., Ltd. and director of Wanhua Industrial Group Co., Ltd.
Wu Changqi	Born in June 1955, he holds a doctoral degree. He is currently a professor of the Department of Organization and Strategic Management at Guanghua School of Management, Peking University, executive vice president of the Institute of Development Strategy of the National High-tech Industrial Development Zone of Peking University and executive vice director of the Institute of International Business Management, vice chairman and chair professor of the Academic Committee of Shandong University, independent director of Wanhua Chemical Group Co., Ltd. and Tianneng Battery Group Co., Ltd., Independent Director of Shenwan Hongyuan Group Co., Ltd.
Wang Huacheng	Born in January 1963, he has a doctor's degree and is a professor and doctoral supervisor in the Department of Finance and Finance of Business School of Renmin University of China. His main research fields are corporate finance theory, management accounting and other aspects. He is also an independent director of Wanhua Chemical Group Co., Ltd. and CITIC Bank Co., Ltd.
Ma Yuguo	Born in February 1972, he is a professor, doctoral supervisor and academic subject leader of School of Chemistry and Molecular Engineering of Peking University. He is currently Deputy provost of Peking University, Deputy Secretary and President of the Party Committee of the Middle School Affiliated to Peking University, and Independent Director of Wanhua Chemical Group Co., Ltd.
Li Zhongxiang	Born in January 1983, with a master's degree. He served as the risk control manager of Wanjia Fund Management Co., Ltd., the project director of Wanjia win-win asset management Co., Ltd., the business director of Shengshan Asset Management Co., Ltd., and the general manager of the asset management department of Zhongtai Huaxin Equity Investment Management Co., Ltd. He is currently the founding partner and chairman of Shanghai Shanquan Investment Management Co., Ltd. and independent director of Wanhua Chemical Group Co., Ltd.
Cong Hao	Born in September 1970, member of the Communist Party of China, bachelor's degree in economics. He has served as a member of Yantai Municipal Bureau of Statistics, deputy director of Yantai Municipal Government Office, director of Yantai Municipal Government Emergency Management Office, discipline inspection team leader and member of the Party Leadership Group of Yantai Municipal Finance Bureau, member of the Standing Committee and Secretary of Discipline Inspection Committee of Haiyang Municipal Committee, member of the Party Committee and Secretary of Discipline Inspection Committee of Wanhua Industrial Group Co., Ltd. He is currently a member and deputy secretary of the Party Committee of Wanhua Chemical Group Co., Ltd.

Wang Jianbo	Born in July 1969, he is a member of the Communist Party of China, a senior political engineer, a graduate student of the Party School and a master of business administration. He was a member of the secretary section of the office of Yantai Synthetic Leather General Factory, deputy section secretary of the office of Yantai Wanhua Synthetic Leather Group Co., Ltd., chief of the secretary section, manager of the Administration Department, director of the Party Office and assistant to the general manager. He is currently a supervisor of Wanhua Chemical Group Co., Ltd.
Liu Zhijun	Born in June 1980, he is a member of the Communist Party of China and has a university degree. From July 2003 to February 2019, he successively served as a member of the Foreign Investment Section of the Economic and Trade Bureau of Longkou Economic Development Zone and a member of the News Section of the Publicity Department of the CPC Longkou Municipal Committee; Members of Publicity and Mass Work Section and Planning Section of Yantai SASAC, Deputy Chief Staff of Planning and Development and Enterprise Distribution Section, Deputy Chief Staff and Deputy Chief Staff of Planning and Development Section; Supervisors of the board of supervisors of Dongfang Electronics Group Co., Ltd., Shandong Laidong Internal Combustion Engine Co., Ltd. and Yantai Public Transport Group Co., Ltd. (at the level of chief section), and cadres at the level of chief section of Yantai Audit Bureau. From March 2019 to June 2020, he served as Director of Equity Management Department of Yantai Guofeng Investment Holding Group Co., Ltd.; Since June 2020, he has served as member of the Party Committee and deputy general manager of Yantai Guofeng Investment Holding Group Co., Ltd.
Chen Yifeng	Born in July 1966, he holds a master's degree and is a professor-level senior engineer. He joined Yantai Wanhua Synthetic Leather Group in July 1998; From July 1998 to January 1999, he served as MDI Research Fellow of Yantai Wanhua Synthetic Leather Group Research Institute; From January 1999 to September 2005, he successively served as Manager of Photochemical Project Department and Assistant Manager of Production Department of Yantai Wanhua Polyurethane Co., Ltd. and Leader of 160000 tons MDI Production Preparation Group of Ningbo Wanhua; From September 2005 to March 2015, he successively served as MDI Plant Manager of Ningbo Wanhua, Production Director of Ningbo Wanhua, Deputy General Manager of Ningbo Wanhua, Production Director of Yantai Wanhua, Senior Production Director and Deputy Commander of Industrial Park of Wanhua Chemical Group; Vice President of Wanhua Chemical Group from March 2015 to April 2017; Vice President and Safety Director of Wanhua Chemical Group from April 2017 to March 2021; Since March 2021, senior vice president and safety director of Wanhua Chemical Group.
Li Limin	Born in May 1975, with a master's degree, he is a Chinese certified public accountant, asset appraiser and certified tax agent. He joined Wanhua Chemical Group in June 2006, and served as the financial management manager and general manager of the financial department of Wanhua Chemical from June 2006 to December 2008; From December 2008 to January 2013, he served as Deputy General Manager of Wanhua Chemical Sales Department, General Manager of Asia-Pacific Region and General Manager of Domestic Business Department; General Manager of Wanhua Chemical Procurement Department from January 2013 to March 2015; From March 2015 to June 2018, he served as Assistant President of Wanhua Chemistry, General Manager of Polyether Business Department and General Manager of Wanhua Rongwei Company; From June 2018 to April 2019, he served as vice president of Wanhua Chemistry, general manager of polyether business department and chairman of Wanhua Rongwei Company; Since April 2019, he has served as vice president, financial officer, secretary of the board of directors, general manager of polyurethane business department and chairman of Wanhua Rongwei Company.

Other information

☐Applicable ☒Not Applicable

(II) Appointment of current and outgoing directors, supervisors and senior managers during the reporting period

1、Employment in shareholder entities

√Applicable □Not Applicable

Name of employee	Name of shareholder	Positions in shareholder entities	Term Start Date	Term End Date
Rong Feng	Guofeng Group	Secretary and Chairman of the Party Committee	October 2018	April 2025
Liu Xunzhang	Guofeng Group	Deputy Secretary and General Manager of the Party Committee	November 2023	February 2025
Wang Qingchun	Guofeng Group	Full-time external directors	January 2022	
Liu Zhijun	Guofeng Group	Member of the Party Committee and Deputy General Manager	June 2020	
Description of the position held by the shareholder				

2、Employment in other companies

√Applicable □Not Applicable

Name of employee	Name of other entities	Positions in other entities	Term Start Date	Term End Date
Guo Xingtian	Wanhua Ecological Industry Group Co., Ltd.	chairman	December 2006	
Wu Changqi	Guanghua School of Management, Peking University	Professor and doctoral supervisor	September 2001	
	School of Management, Shandong University	Chair Professor	October 2019	
	Tianneng Battery Group Co., Ltd.	independent director	February 2019	
	Shenwan Hongyuan Group Co., Ltd.	independent director	May 2021	
Wang Huacheng	Renmin University of China	professor	June 1998	
	Tsinghua Tongfang Co., Ltd.	independent director	February 2020	November 2024
	CITIC Bank Co., Ltd.	independent director	November 2022	
Ma Yuguo	Peking University	vice provost	December 2022	
	Peking University High School	Deputy Secretary of the Party Committee and President	March 2022	
Li Zhongxiang	Shanghai Shanquan Investment Management Co., Ltd.	chairman	February 2020	
Li Limin	Yantai Port Wanhua Industrial Park Wharf Co., Ltd.	chairman	April 2022	

Description of employment in other companies	
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(III) Compensation of directors, supervisors and senior management

☒Applicable ☐Not Applicable

Decision making procedures for remuneration of directors, supervisors and senior managers	Determined and approved by the Company's board of directors and the general meeting of shareholders.
Whether a director recuses himself when the board of directors discusses his remuneration matters	Yes
Details of the recommendations made by the Remuneration and Assessment Committee or the special meeting of independent directors on the remuneration of directors, supervisors and senior managers	During the reporting period, the Remuneration and Appraisal Committee of the Company reviewed the remuneration of directors and senior managers of the Company, believing that the remuneration can be linked to business responsibilities, business risks and business performance, can play an incentive and restraint effect, and the disclosed amount is consistent with the actual payment, and is in line with the Administrative Measures for the Remuneration and Appraisal of Senior Managers and the Allowance System for Directors and Supervisors formulated by the Company And post and grade compensation system.
Basis for determining the remuneration of directors, supervisors and senior managers	It shall be implemented in accordance with the Company's Administrative Measures for the Assessment and Payment of Remuneration of Senior Managers, Allowance System for Directors and Supervisors and post and grade remuneration system.
Actual payment of remuneration of directors, supervisors and senior managers	The remuneration payable to directors, supervisors and senior managers who receive remuneration allowances from the Company has been paid.
Total remuneration actually received by all directors, supervisors and senior managers at the end of the reporting period	During the reporting period, the Company actually paid 23.1792 million yuan of remuneration and allowances to directors, supervisors and senior managers.

(IV) Changes in directors, supervisors and senior management of the Company

☒Applicable ☐Not Applicable

full name	Positions held	Changes	Reason for change
Chen Dianxin	Director	Departure	Replacement of recommended candidates by controlling shareholders
Liu Xunzhang	Director	Election	Candidates recommended by controlling shareholders

(V) Description of penalties imposed by securities regulators in the past three years

☐Applicable ☒Not Applicable

(VI) Other

□Applicable √Not Applicable

V、Information on the Board of Directors held during the reporting period

Session	Date Held	Meeting resolution
The first meeting of the ninth board of directors in 2024	March 16, 2024	Deliberated and approved 25 proposals such as 2023 Annual President Report of Wanhua Chemical Group Co., Ltd., 2023 Annual Financial Final Report of Wanhua Chemical Group Co., Ltd. and 2023 Annual Profit Distribution Plan of Wanhua Chemical Group Co., Ltd., all of which were passed by resolution.
The second meeting of the ninth board of directors in 2024	April 18, 2024	Deliberated and approved the First Quarterly Report of Wanhua Chemical Group Co., Ltd. for 2024
The third meeting of the ninth board of directors in 2024	August 10, 2024	Deliberated and approved the Interim Report of Wanhua Chemical Group Co., Ltd. for 2024, the Interim Profit Distribution Plan of Wanhua Chemical Group Co., Ltd. for 2024, and the Proposal of Wanhua Chemical Group Co., Ltd. on Determining the Main Business
The fourth meeting of the ninth board of directors in 2024	October 28, 2024	Deliberated and approved the Third Quarterly Report of Wanhua Chemical Group Co., Ltd. for 2024

VI、Directors' performance of duties**(I) Directors' attendance at the Board of Directors and Shareholders' Meeting**

Director Name	Independent director or not	Participation in the Board of Directors						Participation in the General Meeting of Shareholders
		Number of board meetings to be attended this year	Attendance in person	Number of participants by communication	Delegated attendance	absent frequency	Did you not attend the meeting in person for two consecutive times	Number of meetings attended
Liao Zengtai	No	4	2	2	0	0	no	1
Kou Guangwu	No	4	2	2	0	0	no	1
Hua Weiqi	No	4	2	2	0	0	no	0
Rongfeng	No	4	1	2	1	0	no	0
Liu Xunzhang	No	3	0	2	1	0	no	0
Wang Qingchun	No	4	2	2	0	0	no	0
Guo Xingtian	No	4	2	2	0	0	no	0
Wu Changqi	Yes	4	1	3	0	0	no	0

Wang Huacheng	Yes	4	2	2	0	0	no	0
Ma Yuguo	Yes	4	2	2	0	0	no	0
Li Zhongxiang	Yes	4	2	2	0	0	no	0

Description of failure to attend two consecutive board meetings in person

☐ Applicable ☒ Not Applicable

Number of board meetings held during the year	4
Including: Number of on-site meetings	1
Number of meetings held by means of communication	2
Number of on-site meetings in combination with communication	1

(II) Directors' objections to relevant matters of the Company

☐ Applicable ☒ Not Applicable

(III) Other

☐ Applicable ☒ Not Applicable

VII、Special committees under the Board of Directors

☒ Applicable ☐ Not Applicable

(I) Members of special committees under the Board of Directors

Special Committee Category	Member Name
Audit and Compliance Committee	Wang Huacheng, Wu Changqi, Liao Zengtai
Nomination Committee	Ma Yuguo, Wu Changqi, Liao Zengtai
Remuneration and Appraisal Committee	Li Zhongxiang, Wang Huacheng, Liao Zengtai
Strategy Committee	Liao Zengtai, Kou Guangwu, Rong Feng, Wu Changqi, Ma Yuguo
ESG Committee	Kou Guangwu, Wang Qingchun, Li Zhongxiang

(II) Four meetings of Audit and Compliance Management Committee held during the reporting period

Date Held	Meeting content	Important comments and suggestions	Other performance of duties
March 6, 2024	1. Financial Report of the Company for 2023; 2. Proposal on Replacement of Accounting Firm; 3. Proposal on Payment of Remuneration to Audit Institutions; 4. Proposal on the Implementation of Daily Related Party Transaction Agreements between the Company and Related Parties;	Deliberate and approve the meeting matters and agree to submit them to the Board of Directors for deliberation	No

	5. Company Internal Control Self-Evaluation Report and Company Internal Control Audit Report.		
April 16, 2024	First Quarterly Report of the Company in 2024	Deliberate and approve the meeting matters and agree to submit them to the Board of Directors for deliberation	No
August 5, 2024	Interim Report of the Company for 2024	Deliberate and approve the meeting matters and agree to submit them to the Board of Directors for deliberation	No
October 23, 2024	Third Quarterly Report of the Company in 2024	Deliberate and approve the meeting matters and agree to submit them to the Board of Directors for deliberation	No

(III) One meeting of Nomination Committee held during the reporting period

Date Held	Meeting content	Important comments and suggestions	Other performance of duties
March 6, 2024	Nomination of Mr. Liu Xunzhang as a candidate for director of the Ninth Board of Directors	Deliberate and approve the meeting matters and agree to submit them to the Board of Directors for deliberation	No

(IV) One meeting of Remuneration and Appraisal Committee held during the reporting period

Date Held	Meeting content	Important comments and suggestions	Other performance of duties
March 6, 2024	Remuneration of directors, supervisors and senior managers of the Company shall be paid in accordance with Management Measures for Remuneration Assessment and Payment of Senior Managers of the Company and Allowance System for Directors and Supervisors of the Company	nothing	No

(V) Two meetings of Strategy Committee held during the reporting period

Date Held	Meeting content	Important comments and suggestions	Other performance of duties
March 30, 2024	Update the company's strategy: Insight into the needs of society and customers, focus on the field of new chemical materials with high technology and high added value, take excellent culture as the guide, technological innovation as the core, excellent operation as the basis, talent as the foundation, implement	Deliberated and approved	No

	the development strategy of high-end, integration, scale, intelligence, greening, globalization and low cost, and become an international leading new chemical material company.		
August 5, 2024	Proposal on Determining Main Responsibilities	Deliberate and approve the meeting matters and agree to submit them to the Board of Directors for deliberation	No

(VI) One meeting of the ESG Committee during the reporting period

Date Held	Meeting content	Important comments and suggestions	Other performance of duties
March 6, 2024	Company Environmental, Social and Governance (ESG) Report 2023	Deliberate and approve the meeting matters and agree to submit them to the Board of Directors for deliberation	No

(VII) Details of matters with objections

☐ Applicable ☒ Not Applicable

VIII、Description of risks identified by the Board of Supervisors

☐ Applicable ☒ Not Applicable

The board of supervisors has no objection to the supervision matters during the reporting period.

IX、Employee status of the parent company and major subsidiaries at the end of the reporting period

(I) Employee profile

Number of active employees of the parent company	11,699
Number of active employees in major subsidiaries	21,604
Total Number of Active Employees	33,303
Number of retired employees whose expenses are borne by the parent company and major subsidiaries	167
Professional composition	

Category of professional composition	Number of professionals
Production personnel	22,145
Marketing and sales personnel	1,164
Engineering technical personnel	6,606
Finance and auditing personnel	394
Administrative personnel	2,994
Total	33,303
Education	
Education Level Category	Number of professionals
Doctor's degree	280
Master's degree	5,330
Bachelor's degree	7,557
Junior college	17,313
Below junior college	2,823
Total	33,303

(II) Compensation policy

☒Applicable ☐Not Applicable

Wanhua Chemical adopts international advanced rank system and salary system to formulate salary policy. The salary structure is determined by taking the position value as the benchmark for rank evaluation, taking into account the matching between the position competency and the position of the employee, assessing the completion of the employee's performance indicators on an annual basis, adjusting the salary according to the assessment results and the position of the salary band, and emphasizing the competitiveness of the salary in the external market and the internal fairness. In addition, the company regularly cooperates with well-known management consulting companies in the human resources industry to evaluate, confirm and update the market value of posts, and maintain good market competitiveness.

At the same time, the company implements precise incentives, links departmental and individual bonuses with the company's business objectives, and widens the performance gap through more targeted organizational and individual performance appraisal to ensure the incentive effect.

(III) Training plan

☒Applicable ☐Not Applicable

In 2024, closely focusing on the company's strategy and business priorities, taking culture as the guide, we will continue to innovate the talent training model, comprehensively optimize and improve the talent training system, and promote organizational capacity building and efficiency improvement. The annual training exceeded 25,000 people, laying a solid talent foundation for the company's high-quality development.

In terms of leadership training, the company has comprehensively optimized and upgraded the training courses at five levels, with executives and business leaders teaching in person, providing directional guidance for students, and helping to build a leading cadre team with common values and management concepts. Through systematic training, 739 cadres were trained throughout the year, significantly enhancing team cohesion and execution, and effectively promoting the realization of the company's strategic objectives. At the same time, the "Overseas Classroom" was launched to further improve the BC leadership system, and

communication and sharing were promoted through the "Weekend Lecture Hall", effectively improving the overall quality and management ability of managers.

In terms of professional training, the international marketing class was successfully completed, and the basic marketing class was launched for new employees of the marketing system, which improved the marketing talent training system. In addition, the construction of safety culture was fully implemented, and the training of safety production managers in all domestic bases was completed, covering 2,189 people, further strengthening the awareness of safety production and the ability of risk prevention and control.

In terms of professional training, 9 batches of new employee training were completed throughout the year, totaling 3,372 people, providing systematic support for new employees to rapidly integrate into the company's culture and career development, and building a highland for the company's talent development.

In 2024, the 1.0 version of the Handbook of Wanhua Organization Capacity Building Methodology was officially released, marking the systematic transformation of the company from individual capabilities to organizational capabilities, providing theoretical support and practical guidance for the continuous improvement of organizational effectiveness. Looking forward to 2025, the company's talent training work will continue to strengthen business support and promote the deep integration of talent training, business support and reform and innovation. By building a coaching leadership atmosphere and creating "hematopoietic stem cells" with Wanhua Gene, we will cultivate high-quality talents with strategic vision, professional ability and professionalism for the company and inject inexhaustible power into the sustainable development of the company.

(IV) Labor outsourcing

☒Applicable ☐Not Applicable

Total hours outsourced	5,256,240 hours
Total remuneration paid for labor outsourcing (RMB 0'000)	20,280.18

X、Plan for profit distribution or capital reserve conversion

(I) Formulation, implementation or adjustment of cash dividend policy

☒Applicable ☐Not Applicable

Wanhua Chemistry has always paid attention to the return on investment to shareholders, and pays cash dividends to shareholders every year. At the first meeting of the ninth board of directors in 2024 held on March 16, 2024, Wanhua Chemistry's Shareholder Return Plan for the Next Three Years (2024-2026) was considered and approved. From 2024 to 2026, the company will adhere to the principle of cash dividends, maintain the continuity and stability of the profit distribution policy, after fully withdrawing the statutory reserve fund and arbitrary reserve fund, the profit distributed in cash every year shall not be less than 30% of the distributable profit realized in that year, in line with the provisions of the Articles of Association, the dividend standard and proportion are clear and clear, which can actively return investors and fulfill the social responsibility of being a public company.

(II) Special description of cash dividend policy

☒Applicable ☐Not Applicable

Whether it complies with the provisions of the Articles of Association or the requirements of the resolution of the General Meeting of Shareholders	√ Yes <input type="checkbox"/> No
Whether the dividend standard and proportion are clear and clear	√ Yes <input type="checkbox"/> No
Whether relevant decision-making procedures and mechanisms are complete	√ Yes <input type="checkbox"/> No
Whether the independent directors performed their duties and played their due roles	√ Yes <input type="checkbox"/> No
Whether the minority shareholders have the opportunity to fully express their opinions and demands, and whether their legitimate rights and interests have been fully protected	√ Yes <input type="checkbox"/> No

(III) During the reporting period, if the profit is positive and the parent company's profit available for distribution to shareholders is positive, but no cash profit distribution plan has been proposed, the company shall disclose the reasons in detail as well as the purpose and use plan of the undistributed profit

☐ Applicable ☒ Not Applicable

(IV) Plan for profit distribution and conversion of capital reserve into share capital during the reporting period

☒ Applicable ☐ Not Applicable

Unit: RMB

Number of bonus shares per 10 shares (shares)	
Number of dividends per 10 shares (RMB) (including tax)	12.50
Number of shares converted per 10 shares (shares)	
Amount of cash dividends (including tax)	3,924,683,282.50
Net profit attributable to ordinary shareholders of listed companies in the consolidated statements	13,033,066,612.84
Ratio of cash dividends to net profit attributable to ordinary shareholders of listed companies in the consolidated statements (%)	30.11
Amount included in cash dividend for share repurchase in cash	
Total dividend amount (including tax)	3,924,683,282.50
Ratio of total dividend amount to net profit attributable to ordinary shareholders of listed companies in the consolidated statements (%)	30.11

Note:

According to the authorization of the 2023 annual general meeting of shareholders and the resolution of the third meeting of the ninth board of directors in 2024, the company implemented the interim profit distribution of 2024 in August 2024, distributing a cash dividend of 5.20 yuan (including tax) per 10 shares to all shareholders, with a total cash dividend of RMB 1,632,668,245.52 (including tax).

The first meeting of the ninth board of directors in 2025 held by the company on April 12, 2025 deliberated and approved the Profit Distribution Plan for 2024, agreeing that the company will distribute a cash dividend of 7.30 yuan (including tax) per 10 shares to all shareholders based on the total share capital registered on the date of equity distribution and equity registration, and intends to distribute a total cash dividend of RMB 2,292,015,036.98 (including tax). The plan needs to be submitted to the shareholders' meeting for consideration.

The dividend amount listed in the above table includes the aforementioned interim profit dividend for 2024 implemented and the dividend amount determined in the 2024 Profit Distribution Plan to be submitted to the general meeting of shareholders for consideration.

(V) Cash dividends in the last three fiscal years

☒Applicable ☐Not Applicable

Unit: RMB

Accumulated cash dividends in the last three fiscal years (including tax) (1)	14,050,366,151.35
Accumulated repurchase and write-off amount in the last three fiscal years (2)	
Accumulated amount of cash dividends, repurchase and write-off in the last three fiscal years (3)=(1)+(2)	14,050,366,151.35
Average annual net profit for the last three fiscal years (4)	15,360,816,057.16
Cash dividend ratio in the last three fiscal years (%) (5)=(3)/(4)	91.47
Net profit attributable to ordinary shareholders of the listed company in the consolidated statements of the latest fiscal year	13,033,066,612.84
Retained profit at the end of the latest accounting year	59,015,977,366.55

XI、 The Company's equity incentive plan, employee stock ownership plan or other employee incentive measures and their impact

(I) Relevant incentive matters have been disclosed in the interim announcement and there is no progress or change in subsequent implementation

☐Applicable ☒Not Applicable

(II) Incentives not disclosed in the interim announcement or with subsequent progress

Equity incentives

☐Applicable ☒Not Applicable

Other notes:

☐Applicable ☒Not Applicable

Employee stock ownership plans

☐Applicable ☒Not Applicable

Other incentives

☐Applicable ☒Not Applicable

(III) Equity incentives granted to directors and senior managers during the reporting period

☐Applicable ☒Not Applicable

(IV) Assessment mechanism for senior managers during the reporting period, and establishment and implementation of incentive mechanism

☒Applicable ☐Not Applicable

According to the Management Measures for Salary Assessment and Distribution of Senior Managers and the job grade salary system of Wanhua Chemical, the key performance indicators of the projects and departments in charge of senior managers are assessed on a quarterly basis, and each senior manager is assessed and evaluated at the end of the year. The assessment results are linked to wages, bonuses, promotion and demotion levels, and the performance improvement plan and elimination mechanism are combined, It ensures the effectiveness of the company's restraint and incentive mechanism.

XII、 Construction and implementation of internal control system during the reporting period

☒Applicable ☐Not Applicable

During the reporting period, the Company guided the construction of the internal control system of each subsidiary, sorted out and updated the existing systems, added 328 headquarters systems, revised 277, abolished 2, completed the optimization of 57 key business processes, and launched 17 approval processes; Input group management philosophy and production management experience to new companies to promote the establishment of new business system.

Description of significant deficiencies in internal control during the reporting period

☐Applicable ☒Not Applicable

XIII、 Management control over subsidiaries during the reporting period

☒Applicable ☐Not Applicable

According to the overall strategic objectives of the Company, organize and formulate the annual business plans of each subsidiary, decompose, track and assess the business plans, and promote the realization of objectives. During the reporting period, the Company actively promoted its strategic layout and completed the acquisition of Anhui Anada Titanium Industry Co., Ltd. After completing the acquisition of the new company, carry out the integration work in terms of assets, personnel and organizational structure, finance and business. In terms of asset integration, comprehensively check the assets of the new company, including fixed assets, intangible assets and current assets, establish a detailed list of assets, integrate asset operation processes, optimize resource allocation and improve asset use efficiency; In terms of organizational structure and personnel, comprehensively sort out the organizational structure of Anada and the parent company, redefine the responsibilities and authorities of each department and position, formulate personnel resettlement plans, carry

out employee training and integration activities according to the company's strategy and business needs, promote communication and collaboration between new and old employees, and enhance team cohesion; In terms of finance, unify the financial accounting system, integrate financial processes, optimize financial approval authority, and improve financial work efficiency; In terms of business, it analyzed business synergy and the relationship between upstream and downstream industrial chains, formulated business synergy development plans, clarified the direction and focus of business development, strengthened market synergy, unified brand promotion, and improved the company's overall market competitiveness. In the future, the company will establish a long-term cultural integration mechanism, organize cultural activities on a regular basis, and continue to consolidate the results of employee integration.

XIV、 Description of internal control audit report

☒Applicable ☐Not Applicable

Ernst&Young Hua Ming LLP issued a standard unqualified internal control audit report for the Company. For details of the internal control audit report, please refer to the relevant announcement published on the website of the Shanghai Stock Exchange on April 15, 2025 at www.sse.com.cn.

Whether to disclose the internal control audit report: Yes

Opinion type of internal control audit report: Standard Unqualified Opinion

XV、 Remediation of self-inspection issues arising from special actions on governance of listed companies

No rectification required by the Company.

XVI、 other

☐Applicable ☒Not Applicable

Section V Environmental and social responsibility

I、 Environmental information

Whether an environmental protection mechanism has been established	yes
Environmental protection funds invested during the reporting period (unit: RMB 0'000)	339,661

(I) Description of environmental protection of companies and their major subsidiaries belonging to key pollutant discharging units announced by the environmental protection department

☒Applicable ☐Not Applicable

1、 Pollutant discharge information

☒Applicable ☐Not Applicable

Name of company or subsidiary	Names of major pollutants and characteristic pollutants	Emission method	Number of outlets	Distribution of discharge ports	Emission concentration	Company	Pollutant discharge standards implemented	Total emissions/t	Total approved emissions t/a	Excess emissions
Wanhua Chemical Group Co., Ltd.	sulfur dioxide	continuity	311	Each production plant area	2.62	mg/m ³	Regional Integrated Emission Standard for Air Pollutants DB37/2376-2019, Emission Standard for Volatile Organic Compounds Part 6: Organic Chemical Industry DB37/2801.6-2018, Pollution Control Standard for Hazardous Waste Incineration GB 18484-2001, Integrated Emission Standard for Air Pollutants GB16297-1996, etc	49.224	548.72	nothing
	nitrogen oxide				17.19	mg/m ³		448.053	2689.62	
	particulate matter				1.73	mg/m ³		39.939	484.55	
	VOCs				2.75	mg/m ³		121.817	1141.01	
Wanhua Chemical Group Environmental Protection Technology Co., Ltd.	Ammonia nitrogen	continuity	24	Sewage treatment area	0.05	mg/L	Emission Standard of Pollutants for Petrochemical Industry (GB 31571-2015), Water Quality Standard for Wastewater Discharged into Urban Sewers (GB/T 31962-2015), Integrated Discharge Standard of Water Pollutants for Watershed Part 5: Peninsula Watershed (DB37/3416.5-2018),	0.563	74.85	nothing
	COD				18.90	mg/L		154	748.54	
Wanhua Chemical (Ningbo) Co., Ltd.	sulfur dioxide	continuity	30	Each production plant area	1.04	mg/m ³	Pollution Control Standard for Hazardous Waste Incineration GB18484-2001, Emission Standard of Pollutants for Petrochemical Industry GB31571-2015	0.939	43.280	nothing
	nitrogen oxide				4.71	mg/m ³		9.257	207.676	
	particulate matter				1.85	mg/m ³		1.709	12.299	
	VOCs				3.05	mg/m ³		8.907	258.345	
Wanhua Chemical (Yantai) Chlor-Alkali Thermal Power Co., Ltd.	sulfur dioxide	continuity	27	Battery Limit Northeast	10.31	mg/m ³	Emission Standard of Air Pollutants for Thermal Power Plants DB37/664-2019, Integrated Emission Standard of Air Pollutants GB16297-1996	216.026	648.01	nothing
	nitrogen oxide				31.21	mg/m ³		653.809	1063.67	
	particulate matter				0.73	mg/m ³		15.274	96.83	
Wanhua Chemical (Ningbo) Thermal Power Co., Ltd.	sulfur dioxide	continuity	9	North side of main power house	15.00	mg/m ³	Emission Standard of Air Pollutants for Coal-fired Power Plants DB332147-2018	116.337	420	nothing
	nitrogen oxide				34.05	mg/m ³		264.111	600	
	particulate matter				1.77	mg/m ³		13.734	60	
Wanhua Chemical (Ningbo) Chlor-Alkali Co., Ltd.	COD	intermission	13	Each production plant area	7.71	mg/L	Pollutant discharge standard for caustic soda and PVC industry GB15581-2016	/	/	nothing
	Ammonia nitrogen				0.14	mg/L		/	/	
	Total phosphorus				0.17	mg/L		/	/	
	Total nitrogen				4.13	mg/L		/	/	
Wanhua Chemical (Guangdong) Co., Ltd.	VOCs	continuity	2	Battery limit northwest	3.92	mg/m ³	The pollutant discharge standard for synthetic resin industry is GB 31572-2015 Emission limits of air pollutants DB44/27-2001	0.614	21.6	nothing
Wanhua Chemical (Fujian) Co., Ltd.	sulfur dioxide	continuity	14	Each production plant area	3.48	mg/m ³	Emission Standard of Pollutants for Petrochemical Industry GB 31571-2015, Emission Standard of Volatile Organic Matter for Industrial Enterprises DB35/1782-2018, Emission Standard of Pollutants for Caustic Soda and Polyvinyl Chloride Industry GB 15581-2016, Emission Standard of Pollutants for Nitric Acid Industry GB 26131-2010, etc	1.614	4.550000	nothing
	nitrogen oxide				28.54	mg/m ³		39.722	203.192000	
	particulate matter				1.57	mg/m ³		3.517	240	
	VOCs				4.96	mg/m ³		8.839	59.194	
Gas Plant Area of Wanhua Chemical (Fujian) Co., Ltd.	sulfur dioxide	continuity	28	Each production plant area	16.28	mg/m ³	Emission Standard of Odor Pollutants GB 14554-93, Emission Standard of Pollutants for Petrochemical Industry GB 31571-2015, Integrated Emission Standard of Air Pollutants GB 16297-1996, Emission Standard of Pollutants for Petroleum Refining Industry GB-31570-2015, Emission Control Requirements for Volatile Organic Compounds in Key Industries of Fujian Province (Trial Implementation), etc	0.251	7.7056	nothing
	nitrogen oxide				9.50	mg/m ³		0.152	16.56	
	particulate matter				1.74	mg/m ³		1.062	/	
	VOCs				9.21	mg/m ³		1.993	/	
	Ammonia nitrogen				0.90	mg/L		2.749	118	
	COD				28.12	mg/L		83.596	472	
	sulfur dioxide	continuity	10		2.37	mg/m ³		0.824	/	nothing

Wanhua Chemical (Fujian) Isocyanate Co., Ltd.	nitrogen oxide			Each production plant area	7.91	mg/m ³	Pollution Control Standard for Hazardous Waste Incineration (GB 18484-2020), Emission Standard of Pollutants for Petrochemical Industry (GB31571-2015), Emission Standard of Volatile Organic Compounds for Industrial Enterprises (DB35/1782-2018), Emission Standard of Odor Pollutants (GB 14554-93), Emission Standard of Industrial Pollutants for Caustic Soda and Polyvinyl Chloride (GB 15581-2016), etc	2.640	/	
	particulate matter				0.84	mg/m ³		0.219	/	
	VOCs				1.71	mg/m ³		2.959	75.8408	
Wanhua Chemical (Sichuan) Co., Ltd.	sulfur dioxide	continuity	49	Each production plant area	1.83	mg/m ³	Pollutant emission standard for synthetic resin industry GB31572-2015, pollution control standard for hazardous waste incineration GB 18484-2001, emission standard for volatile organic compounds in air of fixed pollution sources in Sichuan Province DB51/2377-2017, emission standard for pollutants in petrochemical industry GB31571-2015, and emission standard for pollutants in inorganic chemical industry GB31573-2015	2.749	70.46	nothing
	nitrogen oxide				44.64	mg/m ³		15.539	219.974	
	particulate matter				2.23	mg/m ³		2.33	80.3125	
	VOCs				8.17	mg/m ³		48.196	51.728	

Note: The data of Wanhua Chemical Group Co., Ltd. includes the data of Wanhua Chemical (Yantai) Petrochemical Co., Ltd. and Wanhua Chemical Group (Yantai) Olefin Co., Ltd.

2、Construction and operation of pollution prevention facilities

√Applicable □Not Applicable

In terms of the construction of pollution prevention and control facilities, the company strictly implements the requirements of "three simultaneities" of environmental protection of construction projects, and ensures that environmental protection facilities are designed, constructed and put into use synchronously with the main project. In order to ensure that all environmental protection measures are implemented in place, the Company tracks the implementation progress through the list of pollution prevention and control facilities, and checks and confirms the implementation of all measures in the interim handover and pre-startup safety inspection stages of the project. For the environmental protection facilities that have been completed and put into operation, through independent research and development and foreign cooperation, we will actively carry out the source reduction of pollutants and the upgrading and transformation of pollution prevention and control facilities, and reduce pollutant emissions through the combination of source reduction, process control and end treatment.

In terms of operation of environmental protection facilities, on the one hand, pre-management of environmental protection facilities shall be carried out, environmental protection, economy and standard compliance of environmental protection facilities shall be reviewed at the design stage, PHA analysis of environmental protection facilities shall be carried out to improve the safety of environmental protection facilities, HAZOP high-risk scenarios of key environmental protection facilities shall be combed out, and a list of hidden dangers of environmental protection facilities shall be prepared in combination with standards, specifications and best practices at home and abroad; On the other hand, the installation, commissioning, operation, change and emergency management of environmental protection facilities were deeply audited, the causes of problems found in the audit were analyzed and improvement measures were formulated to further strengthen the life-cycle management of environmental protection facilities.

In 2024, the company continued to strengthen the management of environmental protection facilities, and significantly improved the operation level of environmental

protection facilities through a series of hardware upgrading and operation optimization measures. In terms of hardware, the company has built a new RTO (regenerative thermal incinerator) project and a desliming project, and has upgraded the dust collection chamber, further improving the efficiency of pollutant treatment, and effectively reducing the concentration and total amount of pollutants. In terms of operation management, the Company incorporates key control parameters into process cards for fine control to ensure that environmental protection facilities are always in the optimal operation state. In addition, the company also actively promotes the sharing of environmental protection facilities within the group, achieving efficient use of resources and collaborative management.

During the reporting period, the company's pollution prevention and control facilities operated well, and the pollutants were discharged steadily up to the standard.

3、Construction project environmental impact assessment and other environmental protection administrative licensing

☒Applicable ☐Not Applicable

In terms of "three simultaneities" of construction projects, the company strictly implements the relevant requirements of laws and regulations, carries out environmental impact assessment on new projects, and implements the environmental protection measures in the assessment documents in the design documents and engineering construction. In order to further strengthen the environmental impact assessment and three simultaneous management of the project, in 2024, special project environmental protection management plan (PEMP) will be formulated and investigated one by one for each project, and hierarchical supervision will be implemented in each stage of the whole life cycle of the project. At the same time, with the continuous development of PEMP, the company will gradually integrate PEMP into the environmental protection inspection work before the start of construction projects, and carry out periodic inspection and review of environmental protection management requirements in different stages of construction projects, Ensure that the environmental protection compliance procedures and environmental protection design requirements in the early stage of the project can be effectively implemented, and further improve the quality of environmental impact assessment and three simultaneous work of new projects. Construction projects shall obtain administrative permits such as pollutant discharge license in strict accordance with the requirements of laws and regulations. After the construction is completed and put into operation, the independent environmental protection acceptance procedures for the completion of the construction project have been handled on schedule, ensuring the compliance of the production of the construction project.

4、Emergency Plan for Environmental Emergencies

☒Applicable ☐Not Applicable

In terms of emergency response to environmental emergencies, the first is to strengthen safety management, especially process safety management, so as to avoid secondary environmental events caused by safety accidents from the source. The second is to strengthen the investigation of environmental hazards, refine and improve the special environmental protection checklist in combination with the requirements of laws, regulations and systems, and formulate annual environmental hazards investigation plans for each unit, which are tracked and managed through the HSE information system. Third, strengthen environmental emergency management, prepare emergency plans for environmental emergencies in accordance with laws and regulations, complete the review, revision and filing of the plans, formulate emergency plan drill plans, and regularly drill the emergency plans. In addition, the company has built a complete emergency management organizational structure and

equipped with corresponding environmental emergency resources to ensure the orderly development of environmental emergency management.

5、Self-monitoring scheme for the environment

☒Applicable ☐Not Applicable

In terms of environmental monitoring, the first is to actively promote the construction of online monitoring system in accordance with regulations and requirements of environmental protection departments, and to network with environmental protection supervision departments, so as to achieve dynamic monitoring and real-time monitoring of environmental monitoring. The second is to formulate an annual environmental monitoring plan in strict accordance with national and local pollutant discharge standards and pollutant discharge license requirements, conduct daily supervision on the operation effect of environmental protection facilities and the discharge of three wastes through the combination of external entrusted monitoring and self-monitoring, and disclose the self-monitoring plan and pollutant discharge data through internal and external websites and other channels.

6、Administrative penalties for environmental problems during the reporting period

☐Applicable ☒Not Applicable

7、Other environmental information that should be disclosed

☐Applicable ☒Not Applicable

(II) Description of environmental protection of companies other than key pollutant discharging units

☒Applicable ☐Not Applicable

1、Administrative penalties for environmental problems

☐Applicable ☒Not Applicable

2、Disclose other environmental information with reference to key pollutant discharging units

☒Applicable ☐Not Applicable

Name of company or subsidiary	Names of major pollutants and characteristic pollutants	Emission method	Number of outlets	Distribution of discharge ports	Emission concentration	Company	Pollutant discharge standards implemented	Total emissions/t	Total approved emissions t/a	Excess emissions
Wanhua Environmental Protection Technology (Fujian) Co., Ltd.	Sulfur dioxide	continuity	10	Each production plant area	2.54	mg/m ³	Pollution Control Standard for Hazardous Waste Incineration (GB 18484-2020), Emission Standard of Pollutants for Petrochemical Industry (GB31571-2015), Emission Standard of Volatile Organic Compounds for Industrial Enterprises (DB35/1782-2018), Emission Standard of Odor Pollutants (GB 14554-93), Emission Standard of Industrial Pollutants for Caustic Soda and Polyvinyl Chloride (GB 15581-2016), etc	1.433	29.55	nothing
	Nitrogen oxide				9.36	mg/m ³		4.963	127.16	
	Particulate matter				0.78	mg/m ³		0.220	11.09	
	VOCs				1.17	mg/m ³		1.145	96.15	
	Ammonia nitrogen				0.96	mg/L		15.739	367.562	
	COD				34.31	mg/L		119.912	3091.51	
Sichuan Wanlu Industrial Co., Ltd.	Sulfur dioxide	continuity	13	Each production plant area	1.50	mg/m ³	Emission Standard of Air Volatile Organic Compounds from Fixed Pollution Sources	0.245	38.4	nothing
	Nitrogen oxide				57.00	mg/m ³		2.848	120	

	Particulate matter				2.52	mg/m ³	in Sichuan Province (DB51/2377-2017) and Emission Standard of Pollutants for Petrochemical Industry (GB31571-2015)	0.295	9.6	
	VOCs				6.90	mg/m ³		30.882	39.16	
Wanhua Environmental Protection Technology (Sichuan) Co., Ltd.	Sulfur dioxide	continuity	7	Sewage station and incinerator	1.50	mg/m ³	Integrated Emission Standard for Air Pollution GB16297-1996, Integrated Emission Standard for Sewage GB8978-1996, Emission Standard for Odor Pollutants GB 14554-93, Pollution Control Standard for Hazardous Waste Incineration GB 18484-2020, Emission Standard for Pollutants for Petrochemical Industry GB 31571-2015, Emission Standard for Air Volatile Organic Compounds from Fixed Pollution Sources in Sichuan Province DB51/2377-2017	0.013	38.4	nothing
	Nitrogen oxide				14.50	mg/m ³		0.24	120	
	Particulate matter				1.65	mg/m ³		0.082	/	
	VOCs				18.66	mg/m ³		3.609	28.8	
Wanhua Chemical (Sichuan) Battery Material Technology Co., Ltd.	Sulfur dioxide	continuity	24	Each production plant area	7.86	mg/m ³	Integrated Emission Standard of Air Pollution GB16297-1996, Emission Standard of Odor Pollutants GB 14554-93, Emission Standard of Air Volatile Organic Compounds from Fixed Pollution Sources of Sichuan Province DB51/2377-2017, Emission Standard of Inorganic Chemical Industrial Pollutants GB 31573-2015, Emission Standard of Air Pollutants from Industrial Furnace GB 9078-1996	1.995	2.6	nothing
	Nitrogen oxide				9.15	mg/m ³		2.322	20.8	
	Particulate matter				4.35	mg/m ³		0.827	4.7	
	VOCs				13.19	mg/m ³		2.309	5	
Wanhua Chemical Group Battery Technology Co., Ltd.	Sulfur dioxide	continuity	25	Each production plant area	1.50	mg/m ³	Regional Integrated Emission Standard of Air Pollutants DB37/2376-2019, Emission Standard of Volatile Organic Compounds Part 6: Organic Chemical Industry DB37/2801.6-2018; Emission Standard of Air Volatile Organic Compounds from Fixed Pollution Sources in Sichuan Province (DB51/2377-2017)	2.588	2.6	nothing
	Nitrogen oxide				5.00	mg/m ³		11.591	20.8	
	VOCs				3.20	mg/m ³		4.112	5	
	Particulate matter				1.63	mg/m ³		2.315	4.7	
Xinjiang Juli Chemical Co., Ltd.	Sulfur dioxide	continuity	17	Each production plant area	2.02	mg/m ³	Emission Standard of Air Pollutants for Thermal Power Plants (GB13223-2011) and Requirements for Ultra Low Emission Limits	6.995	227.2	nothing
	Nitrogen oxide				24.57	mg/m ³		46.645	494.12	
	Particulate matter				1.36	mg/m ³	Integrated Emission Standard of Air Pollutants (GB16297-1996)	2.666	72.44	
	VOCs				3.82	mg/m ³	Special emission limits for pollutants from petrochemical industry in Tables 5 and 6 of GB31571-2015	5.931	49.28	
	Ammonia nitrogen				0.30	mg/L	Integrated Wastewater Discharge Standard GB8978-1996 Table 2 Secondary Discharge Standard	2.455	48.49	
	COD				20.33	mg/L		50.685	290.93	
Wanhua Chemical (Ningbo) Rongwei Polyurethane Co., Ltd.	VOCs	continuity	2	Each production plant area	16.09	mg/m ³	Emission Standard of Pollutants for Petrochemical Industry GB 31571-2015	0.436	6.05	nothing
Wanhua Chemical (Foshan) Rongwei Polyurethane Co., Ltd.	VOCs	continuity	1	Each production plant area	1.50	mg/m ³	Emission limits of air pollutants DB44/27-2001 Table 2 Emission limits of air pollutants of process waste gas (second period) Level II	0.172	/	nothing
	Sulfur dioxide	continuity	1		15.00	mg/m ³	Emission Standard of Air Pollutants for Boilers DB44/765-2019 Table 1 Gas fired boilers	0.004	0.02	nothing
	Nitrogen oxide				62.00	mg/m ³		0.056	0.15	
	Particulate matter				6.00	mg/m ³		0	/	
	COD	intermission	1		71.00	mg/L	Water Pollutant Discharge Limits DB44/26-2001 Table 4 Maximum Allowable Discharge Concentration of Class II Pollutants (Second Period) Level I	0.029	0.029	nothing
	Ammonia nitrogen			3.15	mg/L		0.001	0.002		

Wanhua Chemical (Ningxia) Co., Ltd.	VOCs	continuity	5	Each production plant area	24.00	mg/m ³	Integrated Emission Standard of Air Pollutants DB31/933- 2015	0.102	0.211	nothing
	Ammonia nitrogen	intermission			0.25	mg/L	Integrated Wastewater Discharge Standard GB8978- 1996 Table 2 Level III Discharge Standard	0.002	/	
	COD	intermission			445.00	mg/L		0.04	/	

3、Reasons for not disclosing other environmental information

☐Applicable ☒Not Applicable

(III) Relevant information conducive to ecological protection, pollution prevention and environmental responsibility

☒Applicable ☐Not Applicable

Wanhua Chemistry is one of the first selected national "resource-saving and environment-friendly" enterprises. Over the years, the company has continued to promote green development, strengthened ecosystem protection, carried out research on genetic diversity, species diversity, ecosystem diversity and other aspects from the feasibility study stage of construction projects, and carried out ecological environment biodiversity research at the site selection stage of projects to fundamentally eliminate or reduce the impact of project construction on local biodiversity. We are committed to building a green ecological modern chemical plant to protect the beautiful future of "green mountains, green water and fresh air".

According to the whole life cycle management process of the land parcel, the company has established a soil and groundwater pollution prevention and control system. With the Management Procedure for Soil and Groundwater Pollution Prevention and Control as the program and in combination with relevant standards and guidelines, the company has carried out systematic assessment, effective control and dynamic monitoring of environmental risks of soil and groundwater throughout the whole life cycle from land parcel admission to demobilization, Ensure that activities throughout the operational life cycle do not affect the soil and groundwater environment of the occupied site.

While actively exploring the experience of environmental protection management, Wanhua Chemistry actively applies the "3R" (Reduce Reduction, Reuse Reuse, Recycle Recovery) cleaner production concept, continuously strengthens the research and development and construction of new pollution prevention and pollution control technologies, and implements a large number of advanced source reduction, process control and pollution control measures. On the basis of fully realizing the emission of pollutants up to the standard, it has achieved continuous reduction of pollutants.

Wanhua Chemical strictly controls the exhaust gas generated in the production process, takes precise and effective control measures for the main odor sources, and is committed to building a high-quality working environment of "three nots" (no visible leakage, no audible noise, no audible odor), making every effort to build a "odor-free factory" to achieve harmonious coexistence of green production and ecology.

(IV) Actions taken to reduce carbon emissions during the reporting period and their effects

Whether carbon reduction measures are taken	Yes
CO2 equivalent of reduced emissions (tonnes)	2,770,000

Type of measures (e.g. using clean energy to generate electricity, using carbon reduction technology in the process of production, R&D and production of new products to help reduce carbon)	In 2024, the company's joint ventures in clean energy fields such as wind power, solar energy and nuclear power progressed smoothly, helping to achieve social increment of clean energy. At the same time, carbon emission reduction is achieved through the technical transformation of gas to electricity in the park, nitrous oxide emission reduction of nitric acid plants in various bases and other projects.
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Detailed description

☒Applicable ☐Not Applicable

In 2024, the company's joint ventures in clean energy fields such as wind power, solar energy and nuclear power progressed smoothly, helping to achieve social increment of clean energy.

Haiyang Yuguang Complementary Project: Wanhua Chemistry and Huaneng Group have constructed Haiyang Yuguang Complementary Project, which has been connected to the grid for 70MW in September 2024. The project has a planned installed capacity of 200MW, an annual on-grid electricity of 253 million kWh, and an annual carbon dioxide emission reduction of more than 140 thousand tons.

Fujian Offshore Wind Power Project: Lianjiang Longyuan Wanhua New Energy Co., Ltd., a joint venture of Wanhua Chemistry and Guoneng Group, was registered in 2023. The two sides jointly built a 310MWp offshore wind power project on the main island of Mazu Islands, the largest island in Fujian Province. It is planned to install 23 wind turbines with a single unit capacity of 13.6MW, achieving an annual power generation of 1.45 billion degrees and an annual carbon dioxide emission reduction of 800 thousand tons.

Zhaoyuan Nuclear Power Project: Wanhua Chemistry successfully invested in Zhaoyuan Nuclear Power, obtaining 5% equity and 14% electricity rights and interests. In the future, the total installed capacity of 7.2 million KW "Hualong No.1" will bring about 7 billion degrees of clean power to Wanhua, and the annual carbon dioxide emission reduction will be 3.76 million tons.

In 2024, Wanhua Chemistry continued to seek breakthroughs in clean energy investment and market-oriented cooperation. By cooperating with Sanmen Nuclear Power and obtaining all its market-oriented electricity, the company became the only direct signing user of nuclear power in Zhejiang Province. It is expected that the proportion of clean electricity in Ningbo production base will increase from 4% to 40% in 2025.

Energy conservation and emission reduction of nitric acid plant: innovation and green development. In 2024, the nitric acid plant in Wanhua Yantai Industrial Park successfully transformed from gas to electricity, recycled all by-product steam to the production of the park, and effectively reduced the consumption of coal-fired steam. Nitric acid plants in Yantai, Ningbo, Fuzhou and Hungary implement nitrous oxide emission reduction, adhere to green and low-carbon operation, and provide new momentum for high-quality development.

II、 Achievement of fulfilling social responsibility

(1)Whether to separately disclose the social responsibility report, sustainability report or ESG report

☒Applicable ☐Not Applicable

Refer to the "Wanhua Chemical ESG Report" disclosed by the company on the website of Shanghai Stock Exchange on April 15, 2025.

(2)Details of social responsibility work

√Applicable □Not Applicable

Donation and public welfare program	Quantity/ Content	Description
Total investment (RMB 0'000)	924.33	Donation expenditure is mainly used for poverty alleviation and rural revitalization, support for education development, environmental protection and charitable donations through the Charity Federation.
Including: funds (RMB 0'000)	924.33	Donation expenditure is mainly used for poverty alleviation and rural revitalization, support for education development, environmental protection and charitable donations through the Charity Federation.
Amount of materials (RMB 0'000)	/	
Number of beneficiaries (person)	/	

Detailed description

□Applicable √Not Applicable

III、 Consolidating and expanding the achievements of poverty alleviation and rural revitalization

√Applicable □Not Applicable

Poverty alleviation and rural revitalization projects	Quantity/C ontent	Remark
Total investment (RMB 0'000)	200	<p>Wanhua Chemical Group helped two demonstration areas, namely, Yashan New Village, Taocun Town, Qixia City and Xingfu New Village, Guandao Town, Qixia City, in pairs from 2024 to 2025. In 2024, Wanhua helped Yashan New Village build four roads up the mountain, totaling 2.5 kilometers and 6000 square meters. At the same time, two deep wells of 260 meters and 280 meters were successfully drilled for the village, effectively solving the problem of local people's drinking water; Build 2 new environmental protection public toilets, purchase 10 fire extinguishers to help forest fire prevention and protect the rural ecological environment.</p> <p>In Xingfu New Village, Guandao Town, Wanhua has effectively improved the lighting level of the village road by installing 120 solar street lamps. At the same time, it also purchased various musical instruments for the Happy New Village Literary and Art Team, which enriched the spiritual and cultural life of the villagers.</p>
Including: funds (RMB 0'000)	200	
Amount of materials (RMB 0'000)	/	
Number of beneficiaries (person)	/	
Forms of assistance (such as industrial poverty alleviation, employment poverty alleviation, education poverty alleviation, etc.)	Industrial poverty alleviation	

Detailed description

☐Applicable ☒Not Applicable

Section VI Significant Events

I、Performance of commitments

(I) Commitments in or sustain to the reporting period in actual controllers, shareholders, related parties, purchaser, companies or others relating to commitments

√Applicable □Not Applicable

Commitment background	promise type	Commitment party	promise content	Commitment time	Whether there is a performance period	Commitment period	Whether it is performed in a timely and strict manner	If it fails to perform in a timely manner, it shall explain the specific reasons for the failure to complete the performance	If it is not performed in a timely manner, the next step plan shall be described
Commitments related to material asset restructuring	Address peer competition	Guofeng Group, Synthesis International, Zhongcheng Investment, Zhongkaixin	Refer to Section V Significant Events II. Performance of Commitments in 2019 Annual Report	June 29, 2018	no	long-term	yes		
	Address peer competition	Yantai SASAC	Refer to Section V Significant Events II. Performance of Commitments in 2019 Annual Report	June 29, 2018	no	long-term	yes		
	Settlement of related party transactions	Guofeng Group, Synthesis International, Zhongcheng Investment, Zhongkaixin	Refer to Section V Significant Events II. Performance of Commitments in 2019 Annual Report	June 29, 2018	no	long-term	yes		
	Settlement of related party transactions	Yantai SASAC	Refer to Section V Significant Events II. Performance of Commitments in 2019 Annual Report	June 29, 2018	no	long-term	yes		
	other	Yantai SASAC	Refer to Section V Significant Events II. Performance of Commitments in 2019 Annual Report	June 29, 2018	no	long-term	yes		

Note: In February 2019, Wanhua Chemical absorbed and merged Yantai Wanhua Chemical Co., Ltd. with new shares. For details, please refer to "Wanhua Chemical's Report on Absorption and Merger of Yantai Wanhua Chemical Co., Ltd. and Related Party Transaction (Revised Draft)" disclosed by the company on September 14, 2018. For the above commitments, please refer to the transaction report.

(II) For assets or projects which the Company estimates their profits and still within the estimate period as of the reporting period, the Company shall state whether the estimated profits are achieved and explain relevant reasons.

☐Achieved ☐Not Achieved ☒Not Applicable

(III) Completion of performance commitments and their impact on goodwill impairment testing

☐Applicable ☒Not Applicable

II、 Non-operating occupation of funds by controlling shareholders and other related parties during the reporting period

☐Applicable ☒Not Applicable

III、 Guarantees not in compliance with the required procedures

☐Applicable ☒Not Applicable

IV、 Description of the Company's Board of Directors on the "Non-standard Opinion Audit Report" of the Accounting Firm

☐Applicable ☒Not Applicable

V、 The Company's analysis and explanation of the causes and effects of changes in accounting policies and accounting estimates or correction of significant accounting errors

(I) The Company's analysis and explanation of the reasons and effects of changes in accounting policies and accounting estimates

☒Applicable ☐Not Applicable

Refer to Section X, Note V.40.

(II) The Company's analysis and explanation of the causes and effects of the correction of major accounting errors

☐Applicable ☒Not Applicable

(III) Communication with the predecessor firm

☒Applicable ☐Not Applicable

The Company has fully communicated with the original accounting firm regarding the change of accounting firm, and the original accounting firm has no objection to the change.

(IV) Approval procedures and other instructions

☐Applicable ☒Not Applicable

VI、 Appointment and dismissal of accounting firms

Unit: RMB 0'000

	Original Appointment	Incumbent
Name of domestic accounting firm	Deloitte Touche Tohmatsu LLP	Ernst&Young Hua Ming LLP
Remuneration of domestic accounting firms	450	300
Audit years of domestic accounting firms	19	1
Name of certified public accountant of domestic accounting firm	Zhao Haizhou, Xie Wei	Ann Xiuyan, Li Huihua
Accumulated number of years of audit services provided by certified public accountants of domestic accounting firms	19	1

	Name	remuneration
Certified public accountants for internal control audit	Ernst&Young Hua Ming LLP	40

Description of the appointment and dismissal of accounting firms

☒Applicable ☐Not Applicable

In accordance with the relevant provisions of the Notice on Issuing the Measures for the Administration of the Selection of Accounting Firms by State-owned Enterprises and Listed Companies (Cai Kuai [2023] No.4) issued by the Ministry of Finance of the People's Republic of China (hereinafter referred to as the "Ministry of Finance"), the State-owned Assets Supervision and Administration Commission of the State Council (hereinafter referred to as the "SASAC") and the China Securities Regulatory Commission (hereinafter referred to as the "Securities Regulatory Commission"), After the completion of the audit work of the Company in 2023, the originally appointed accounting firm of the Company exceeded the maximum number of consecutive years of employment of accounting firm stipulated by the Ministry of Finance, SASAC and CSRC. In 2024, the Company has fully communicated with the original appointed accounting firm on the change of accounting firm, and the original appointed accounting firm has no objection to the change. Upon the vote of the 2023 annual general meeting of shareholders of the Company, Ernst&Young Hua Ming LLP was appointed as the audit institution of the Company's financial report and internal control for 2024.

Description of the change of accounting firm during the audit period

☐Applicable ☒Not Applicable

Description of audit fees decreased by more than 20% (including 20%) compared with the previous year

☒Applicable ☐Not Applicable

The main reasons for the decline in audit service fees are: comprehensive consideration of the company's business scale, market environment and information technology level.

VII、Circumstances facing delisting risk

(I) Reasons for delisting risk warning

☐Applicable ☒ Not Applicable

(II) Response measures to be taken by the Company

☐Applicable ☒ Not Applicable

(III) Circumstances and reasons for termination of listing

☐Applicable ☒ Not Applicable

VIII、Matters related to bankruptcy reorganization

☐Applicable ☒ Not Applicable

IX、Significant litigation and arbitration matters

☐Significant lawsuits and arbitrations for the year ☒ No significant lawsuits and arbitrations for the year

X、Listed companies and their directors, supervisors, senior managers, controlling shareholders and actual controllers suspected of violations of laws and regulations, penalties and rectification

☐Applicable ☒ Not Applicable

XI、Description of the integrity of the Company and its controlling shareholders and actual controllers during the reporting period

☒ Applicable ☐ Not Applicable

During the reporting period, the Company, its controlling shareholders and actual controllers were in good faith.

XII、Significant related party transactions

(I) Significant related party transactions related to daily operations

1、Events disclosed in the interim announcement and subsequently implemented without progress or change

☐Applicable ☒ Not Applicable

2、Matters disclosed in the interim announcement but with subsequent progress or changes in implementation

☒Applicable ☐ Not Applicable

The 2023 Annual General Meeting of Shareholders held on April 8, 2024 considered and approved the Bill on the Implementation of Daily Related Party Transaction Agreements between the Company and Related Parties, and approved the daily related party transactions expected to occur between the Company and related parties in 2024. Details of related party transactions from January to December 2024 are shown in the following table:

Unit: RMB

Related relationship	Related party transaction type	Related party transactions	Pricing principle for related party transactions	Amount of related party transactions	Settlement method of related party transactions
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Controlled by Guofeng Group	Purchase of goods/receipt of services	Purchase of goods/receipt of services	At market price in the same period	132,865,271.46	Bank acceptance bills, wire transfers
Associates	Purchase of goods/receipt of services	Purchase of goods/receipt of services	At market price in the same period	377,380,146.80	Bank acceptance bills, wire transfers
Enterprises with related natural persons as directors	Purchase of goods/leased assets	Purchase of goods/leased assets	At market price in the same period	4,934,425.93	Bank acceptance bills, wire transfers
Controlled by Guofeng Group	Sale of goods/lease of assets	Sale of goods/lease of assets	At market price in the same period	403,424,321.35	Bank acceptance bills, wire transfers
Associates	Sale of goods/rendering of services/leasing of assets	Sale of goods/rendering of services/leasing of assets	At market price in the same period	98,293,099.26	Bank acceptance bills, wire transfers
Enterprises with related natural persons as directors	Sale of goods/rendering of services	Sale of goods/rendering of services	At market price in the same period	684,348,647.41	Bank acceptance bills, wire transfers

For the related party transactions of the Company, the related party selling goods mainly belongs to the downstream customers of MDI products, and the transaction of purchasing products is inevitable; Related parties purchasing materials belong to the company's raw material suppliers and provide supporting services for the company's production, and related party transactions are inevitable; In addition, related party transactions due to geographical location are inevitable.

Related party transactions have no significant impact on the independence of listed companies.

The company has a low degree of dependence on related parties, and there is no need to take relevant solutions.

3、Matters not disclosed in the interim announcement

☐Applicable ☒Not Applicable

(II) Related party transactions arising from the acquisition and sale of assets or equity

1、Matters disclosed in the interim announcement and subsequently implemented without progress or change

☐Applicable ☒Not Applicable

2、Matters disclosed in the interim announcement but with subsequent progress or changes in implementation

☐Applicable ☒Not Applicable

3、Matters not disclosed in the interim announcement

☐Applicable ☒Not Applicable

4、Where performance agreements are involved, the achievement of performance during the reporting period shall be disclosed

☐Applicable ☒Not Applicable

(III) Significant related party transactions of joint foreign investment

1、Matters disclosed in the interim announcement and subsequently implemented without progress or change

☐Applicable ☒Not Applicable

2、Matters disclosed in the interim announcement but with subsequent progress or changes in implementation

☐Applicable ☒Not Applicable

3、Matters not disclosed in the interim announcement

☐Applicable ☒Not Applicable

(IV) Intercompany credit and debt transactions

1、Matters disclosed in the interim announcement and subsequently implemented without progress or change

☐Applicable ☒Not Applicable

2、Matters disclosed in the interim announcement but with subsequent progress or changes in implementation

☐Applicable ☒Not Applicable

3、Matters not disclosed in the interim announcement

☒Applicable ☐Not Applicable

Unit: RMB

Related parties	Related relationship	Provision of funds to related parties			Related parties to listed companies Funding		
		Opening balance	Amount incurred	Ending balance	Opening balance	Amount incurred	Ending balance
Yuanan Xinghua Mining Co., Ltd.	Joint ventures					199,200,000.00	199,200,000.00
Total						199,200,000.00	199,200,000.00
Reasons for formation of related party debts		Yuanan Xinghua Mining Co., Ltd. provides idle funds to shareholders in proportion to their equity.					
Effect of related party debts on the Company		The related debts of Yuanan Xinghua Mining Co., Ltd. were due and settled in April 2025.					

(V) Financial business between the Company and related financial companies and between the Company's holding financial companies and related parties

☐Applicable ☒Not Applicable

(VI) other

☐Applicable ☒Not Applicable

XIII、 Significant contracts and implementation

(I) Trusteeship, contracting and leasing

1、 Trusteeship

☐Applicable ☒Not Applicable

2、 Contracting status

☐Applicable ☒Not Applicable

3、 Leases

☐Applicable ☒Not Applicable

☒Applicable ☐Not Applicable

Unit: RMB

External guarantees provided by the Company (excluding guarantees to subsidiaries)														
Guarantor	The relationship between the guarantor and the listed company	Secured party	Guarantee amount	Guarantee occurrence date (agreement signing date)	guarantee Start date	guarantee due date	Type of guarantee	Collateral, if any	Whether the guarantee has been fulfilled	Whether the guarantee is overdue	Overdue guarantee amount	Counter-guarantees	Guarantee for related parties	relation relationship
Wanhua Chemical Group Co., Ltd.	Head office of the Company	Yantai Port Wanhua Industrial Park Wharf Co., Ltd.	442,217,163.80	September 28, 2022	September 28, 2022	November 12, 2030	Joint and several liability guarantee		no	no		yes	yes	Associate
Wanhua Chemical Group Co., Ltd.	Head office of the Company	Fujian Southeast Electrochemical Co., Ltd.	550,000,000.00	August 1, 2022	August 1, 2022	December 5, 2032	Joint and several liability guarantee		no	no		yes	yes	Associate
Wanhua Chemical Group Co., Ltd.	Head office of the Company	Fujian Southeast Electrochemical Co., Ltd.	300,000,000.00	November 16, 2022	November 16, 2022	November 16, 2033	Joint and several liability guarantee		no	no		yes	yes	Associate
Wanhua Chemical Group Co., Ltd.	Head office of the Company	Fujian Southeast Electrochemical Co., Ltd.	100,000,000.00	August 1, 2023	August 1, 2023	July 20, 2034	Joint and several liability guarantee		no	no		yes	yes	Associate
Wanhua Chemical Group Co., Ltd.	Head office of the Company	Fujian Southeast Electrochemical Co., Ltd.	100,000,000.00	July 1, 2023	July 1, 2023	January 20, 2036	Joint and several liability guarantee		no	no		yes	yes	Associate
Wanhua Chemical Group Co., Ltd.	Head office of the Company	Fujian Southeast Electrochemical Co., Ltd.	45,971,727.62	December 23, 2024	December 23, 2024	September 20, 2034	Joint and several liability guarantee		no	no		yes	yes	Associate
Wanhua Chemical Group Co., Ltd.	Head office of the Company	Fujian Southeast Electrochemical Co., Ltd.	200,000,000.00	September 1, 2023	September 1, 2023	September 20, 2034	Joint and several liability guarantee		no	no		yes	yes	Associate
Total guarantee amount during the reporting period (excluding guarantee for subsidiaries)						45,971,727.62								
Total guarantee balance at the end of the reporting period (A) (excluding guarantee for subsidiaries)						1,738,188,891.42								
Guarantees provided by the Company and its subsidiaries														
Total amount of guarantees provided to subsidiaries during the reporting period						38,518,923,100.00								
Total guarantee balance for subsidiaries at the end of the reporting period (B)						73,840,726,292.71								
Total amount of corporate guarantees (including guarantees to subsidiaries)														
Total guarantee amount (A+B)						75,578,915,184.13								
Proportion of total guarantees in the company's net assets (%)						79.87								

Including:	
Amount of guarantee provided to shareholders, actual controllers and their related parties (C)	
Amount of debt guarantee directly or indirectly provided to the guaranteed object with an asset-liability ratio exceeding 70% (D)	61,441,345,470.97
Amount of total guarantee exceeding 50% of net assets (E)	28,265,967,150.78
Total amount of the above three guarantees (C+D+E)	89,707,312,621.75
Description of possible joint and several liquidation liabilities for unexpired guarantees	
Description of guarantee	The total amount of the above guarantees (including guarantees for subsidiaries) is the contract guarantee amount, and the actual use is RMB 48,474,802,136.00, accounting for 51.23% of the company's net assets.

(III) Entrusting others to manage cash assets

1、Entrusted wealth management

(1) Overview of entrusted wealth management

☐Applicable ☒Not Applicable

Other information

☐Applicable ☒Not Applicable

(2) Individual entrusted wealth management

☐Applicable ☒Not Applicable

Other information

☐Applicable ☒Not Applicable

(3) Provision for impairment of entrusted wealth management

☐Applicable ☒Not Applicable

2、 Entrusted loans

(1) Overview of entrusted loans

☐Applicable ☒Not Applicable

Other information

☐Applicable ☒Not Applicable

(2) Individual entrusted loans

☐Applicable ☒Not Applicable

Other information

☐Applicable ☒Not Applicable

(3) Provision for impairment of entrusted loans

☐Applicable ☒Not Applicable

3、 Other information

☐Applicable ☒Not Applicable

(IV) Other significant contracts

☐Applicable ☒Not Applicable

XIV、 Description of progress in use of raised funds

☐Applicable ☒Not Applicable

XV、 Description of other significant matters that have a significant impact on investors' value judgments and investment decisions

☐Applicable ☒Not Applicable

Section VII Changes in shares and shareholders

I、Changes in share capital

(I) Change in shares

1、Change in shares

During the reporting period, there was no change in the total number of shares and share capital structure of the Company.

2、Explanation of changes in shares

☐Applicable ☒Not Applicable

3、Impact of changes in shares on financial indicators such as earnings per share and net assets per share in the latest year and period (if any)

☐Applicable ☒Not Applicable

4、Other disclosures deemed necessary by the Company or required by securities regulators

☐Applicable ☒Not Applicable

(II) Changes in restricted shares

☐Applicable ☒Not Applicable

II、Securities issuance and listing

(I) Securities issuance as of the reporting period

☐Applicable ☒Not Applicable

Description of securities issuance as of the reporting period (for bonds with different interest rates during the period, please explain separately):

☐Applicable ☒Not Applicable

(II) Changes in the total number of shares and shareholder structure of the Company and changes in the structure of assets and liabilities of the Company

☐Applicable ☒Not Applicable

(III) Existing internal employee shares

☐Applicable ☒Not Applicable

III、Shareholders and actual controllers

(I) Total number of shareholders

Total number of ordinary shareholders as at the end of the reporting period	190,490
Total number of ordinary shareholders at the end of the previous month before the disclosure date of the annual report (household)	220,430
Total number of preference shareholders with restored voting rights as at the	N/A

Participation of shareholders holding more than 5% of the shares, the top ten shareholders and the top ten shareholders of unrestricted tradable shares in the refinancing business
☒Applicable ☐Not Applicable

Unit: Shares

Participation of shareholders holding more than 5% of the shares, the top ten shareholders and the top ten shareholders of unrestricted tradable shares in the refinancing business								
Name of shareholder (full name)	Opening ordinary account and credit account shareholding		Shares lent through refinancing at the beginning of the period and not yet returned		Shareholding in general account and credit account at the end of the period		Shares lent by refinancing at the end of the period and not yet returned	
	Total Quantity	%	Total Quantity	%	Total Quantity	%	Total Quantity	%
Industrial and Commercial Bank of China - Shanghai 50 ETF	22,930,510	0.73	175,900	0.01	35,386,170	1.13	0	0
Industrial and Commercial Bank of China Limited - Huatai Berry Shanghai-Shenzhen 300 ETF	13,973,478	0.45	6,200	0.0002	32,580,687	1.04	0	0
China Construction Bank Co., Ltd. - E Fund CSI 300 ETF Initiated Securities Investment Fund	5,294,514	0.17	5,300	0.0002	22,442,010	0.71	0	0

The top ten shareholders and the top ten shareholders of unrestricted tradable shares changed from the previous period due to refinancing lending/repayment
☐Applicable ☒Not Applicable

Number of shares held by the top ten shareholders subject to restrictions on sales and restrictions on sales
☐Applicable ☒Not Applicable

(III) Strategic investors or general legal persons become the top 10 shareholders due to the placement of new shares

☐Applicable ☒Not Applicable

IV、Controlling shareholders and actual controllers

(I) Controlling shareholders

1、Legal person

☒Applicable ☐Not Applicable

Name	Yantai Guofeng Investment Holding Group Co., Ltd.
Company principal or legal representative	Rong Feng
Date of establishment	February 12, 2009
Business scope	Operation and management of state-owned assets (shares) authorized by SASAC; Financing, investment and operation management of government strategic

	investment, industrial investment and other projects; Capital operation of state-owned property rights and equity within the scope of authorization (including acquisition, restructuring, integration and transfer); Venture capital business; Acting as an agent for venture capital business of other venture capital enterprises and other institutions or individuals; Provide entrepreneurial management services for start-ups; Participate in the establishment of venture capital enterprises and venture capital management advisory institutions; Investment and financing service business; Advisory business; Other businesses authorized by SASAC; Wholesale and retail of non-ferrous metal mineral products, gold (spot), silver (spot), chemical products (excluding dangerous goods) and battery materials (excluding dangerous chemicals); Import and export of goods and technologies.
Equity situation of the holding and participation of other domestic and overseas listed companies during the reporting period	Unknown
Other explanations	No

2、 Natural person

☐Applicable ☒Not Applicable

3、 Special explanation for the company's absence of controlling shareholders

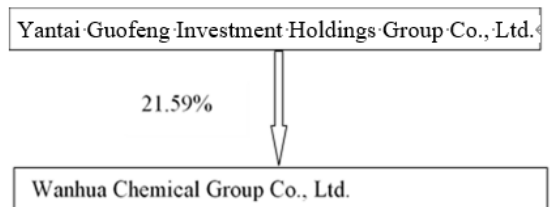
☐Applicable ☒Not Applicable

4、 Description of changes in controlling shareholders during the reporting period

☐Applicable ☒Not Applicable

5、 Block diagram of ownership and control relationship between the Company and controlling shareholder

☒Applicable ☐Not Applicable



(II) Actual controller

1、 legal person

☒Applicable ☐Not Applicable

Name	Yantai SASAC
Company principal or legal representative	Wang Hao
Date of establishment	March 2005
Business scope	Operation and management of state-owned assets (shares) authorized by Yantai SASAC; Financing, investment and operation management of government strategic investment, industrial investment and other projects; Capital operation of state-owned property rights and equity within the scope of authorization (including acquisition, restructuring, integration and transfer); Venture capital business; Acting as an agent for venture capital business of other venture capital enterprises and other institutions or individuals; Provide entrepreneurial management services for start-ups; Participate in the establishment of venture capital enterprises and venture capital management advisory institutions; Investment and financing service business; Investment and financing consulting business; Other businesses authorized by SASAC. (Projects that need to be approved according to law can only be carried out after being approved by relevant departments).
Equity situation of the holding and participation of other domestic and oversea listed companies during the reporting period	Unknown
Other information	No

2、 Natural person

☐Applicable ☒Not Applicable

3、 Special explanation for the company's absence of actual controller

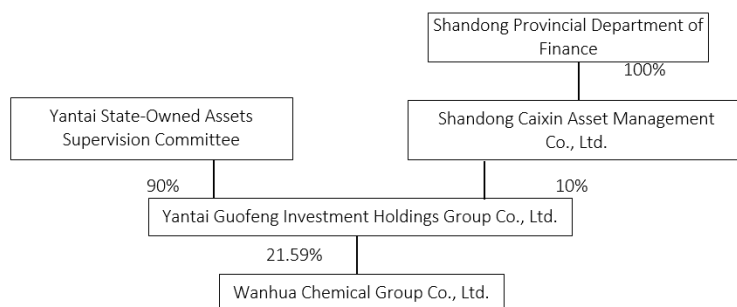
☐Applicable ☒Not Applicable

4、 Description of changes in control of the Company during the reporting period

☐Applicable ☒Not Applicable

5、 Block diagram of the ownership and control relationship between the Company and the actual controller

☒Applicable ☐Not Applicable



6、 The actual controller controls the company through trust or other asset management methods

☐Applicable ☒Not Applicable

(III) Other information about controlling shareholders and actual controllers

☐Applicable ☒Not Applicable

V、 The cumulative number of pledged shares of the controlling shareholder or the largest shareholder of the company and its concerted actors accounts for more than 80% of the company's shares held by them

☐Applicable ☒Not Applicable

VI、 Other legal person shareholders holding more than 10% of the shares

☒Applicable ☐Not Applicable

Unit: RMB Currency: RMB

Name of legal person shareholder	Person in charge or legal representative	date of establishment	Organization code	registered capital	Main business or management activities
Yantai Zhongcheng Investment Co., Ltd.	Wang Jianbo	June 18, 1994	91370600267171212L	528,000,000	Investment in equity with its own funds within the scope of laws and regulations (without the approval of the financial regulatory authorities, it is not allowed to engage in deposit taking, financing guarantee, wealth management for customers and other financial businesses) and management, enterprise management consulting services; Own house leasing; Scope of filing Import and export business.
Description					

VII、 Description of share restriction reduction

☐Applicable ☒Not Applicable

VIII、 Specific implementation of share repurchase during the reporting period

☐Applicable ☒Not Applicable

Section VIII Details of preference shares

☐Applicable ☒Not Applicable

Section IX Bonds

I、 Corporate bonds (including corporate bonds) and debt financing instruments of non-financial enterprises

☒Applicable ☐Not Applicable

(I) Corporate bonds (including corporate bonds)

☐Applicable ☒Not Applicable

(II) Capital raised by corporate bonds

☐Applicable ☒Not Applicable

(III) Other matters that shall be disclosed for special varieties of bonds

☐Applicable ☒Not Applicable

(IV) Important matters related to corporate bonds during the reporting period

☐Applicable ☒Not Applicable

(V) Debt financing instruments of non-financial enterprises in the inter-bank bond market

√Applicable ☐Not Applicable

1、 Basic information of debt financing instruments of non-financial enterprises

Unit: RMB Currency: RMB

Bond name	abbreviation	code	Issuance date	Value date	due date	Bond balance	Interest rate (%)	Repayment of principal and interest	Trading floor	Investor Suitability Arrangements (if any)	Transaction mechanism	Whether there is a risk of termination of listing transactions
The first issue of medium-term notes of Wanhua Chemical Group Co., Ltd. in 2024 (transformation/Kechuang)	24 Wanhua Chemical MTN001	102483117.IB	2024-07-18	2024-07-22	2029-07-22	1,400,000,000.00	2.30	Annual interest payment and principal repayment at maturity	China Interbank Market	China Everbright Bank Co., Ltd.		No
The second issue of medium-term notes of Wanhua Chemical Group Co., Ltd. in 2024 (Kechuang Notes)	24 Wanhua Chemical MTN002 (Kechuang Notes)	102483567.IB	2024-08-15	2024-08-19	2029-08-19	1,000,000,000.00	2.22	Annual interest payment and principal repayment at maturity	China Interbank Market	Industrial Bank Co., Ltd., Industrial and Commercial Bank of China Co., Ltd.		No
The third issue of medium-term notes of Wanhua Chemical Group Co., Ltd. in 2024	24 Wanhua Chemical MTN003	102484154.IB	2024-09-18	2024-09-20	2029-09-20	1,000,000,000.00	2.28	Annual interest payment and principal repayment at maturity	China Interbank Market	Guangfa Bank Co., Ltd.		No

The Company's response to the risk of terminating the listing of bonds

☐Applicable ☒Not Applicable

Overdue bonds

☐Applicable ☒Not Applicable

Payment of bond interest during the reporting period

☒Applicable ☐Not Applicable

Bond name	Description of interest payment
The first issue of medium-term notes of Wanhua Chemical Group Co., Ltd. in 2022 (transformation/Kechuang)	Fully redeemed
The first issue of ultra-short-term financing bonds of Wanhua Chemical Group Co., Ltd. in 2024 (Kechuang Notes)	Fully redeemed
The second issue of ultra-short-term financing bonds of Wanhua Chemical Group Co., Ltd. in 2024 (Kechuang Notes)	Fully redeemed
The third issue of ultra-short-term financing bonds of Wanhua Chemical Group Co., Ltd. in 2024 (Kechuang Notes)	Fully redeemed
The fourth issue of ultra-short-term financing bonds of Wanhua Chemical Group Co., Ltd. in 2024 (Kechuang Notes)	Fully redeemed
The fifth issue of ultra-short-term financing bonds of Wanhua Chemical Group Co., Ltd. in 2024 (Kechuang Notes)	Fully redeemed
The sixth issue of ultra-short-term financing bonds of Wanhua Chemical Group Co., Ltd. in 2024 (Kechuang Notes)	Fully redeemed
The seventh issue of ultra-short-term financing bonds of Wanhua Chemical Group Co., Ltd. in 2024 (Kechuang Notes)	Fully redeemed
The eighth issue of ultra-short-term financing bonds of Wanhua Chemical Group Co., Ltd. in 2024 (Kechuang Notes)	Fully redeemed
The first issue of medium-term notes of Wanhua Chemical Group Co., Ltd. in 2024	Not Due
The second issue of medium-term notes of Wanhua Chemical Group Co., Ltd. in 2024 (Kechuang Notes)	Not Due
Third Interim Notes of Wanhua Chemical Group Co., Ltd. in 2024	Not Due

2、 Triggering and enforcement of company or investor option clauses and investor protection clauses

☐Applicable ☒Not Applicable

3、 Intermediaries providing services for bond issuance and duration business

Name of intermediary	Office Address	Name of signing accountant	Contacts	Contact number
No				

Changes in the above intermediaries

☐Applicable ☒Not Applicable

4、 Use of funds raised at the end of the reporting period

☒Applicable ☐Not Applicable

Unit: RMB Currency: RMB

Bond name	Total amount of raised funds	Amount Used	Unused amount	Operation of special account for raised funds (if any)	Rectification of illegal use of raised funds (if any)	Whether it is consistent with the use, use plan and other agreements promised in the prospectus
The first issue of medium-term notes of Wanhua Chemical Group Co., Ltd. in 2022 (transformation/Kechuang)	200,000,000.00	200,000,000.00		N/A	N/A	Yes
The first issue of ultra-short-term financing bonds of Wanhua Chemical Group Co., Ltd. in 2024 (Kechuang Notes)	1,500,000,000.00	1,500,000,000.00		N/A	N/A	Yes
The second issue of ultra-short-term financing bonds of Wanhua Chemical Group Co., Ltd. in 2024 (Kechuang Notes)	2,000,000,000.00	2,000,000,000.00		N/A	N/A	Yes
The third issue of ultra-short-term financing bonds of Wanhua Chemical Group Co., Ltd. in 2024 (Kechuang Notes)	1,000,000,000.00	1,000,000,000.00		N/A	N/A	Yes

The fourth issue of ultra-short-term financing bonds of Wanhua Chemical Group Co., Ltd. in 2024 (Kechuang Notes)	3,000,000,000.00	3,000,000,000.00		N/A	N/A	Yes
The fifth issue of ultra-short-term financing bonds of Wanhua Chemical Group Co., Ltd. in 2024 (Kechuang Notes)	1,500,000,000.00	1,500,000,000.00		N/A	N/A	Yes
The sixth issue of ultra-short-term financing bonds of Wanhua Chemical Group Co., Ltd. in 2024 (Kechuang Notes)	2,000,000,000.00	2,000,000,000.00		N/A	N/A	Yes
The seventh issue of ultra-short-term financing bonds of Wanhua Chemical Group Co., Ltd. in 2024 (Kechuang Notes)	1,000,000,000.00	1,000,000,000.00		N/A	N/A	Yes
The eighth issue of ultra-short-term financing bonds of Wanhua Chemical Group Co., Ltd. in 2024 (Kechuang Notes)	1,500,000,000.00	1,500,000,000.00		N/A	N/A	Yes
The first issue of medium-term notes of Wanhua Chemical Group Co., Ltd. in 2024	1,400,000,000.00	1,400,000,000.00		N/A	N/A	Yes
The second issue of medium-term notes of Wanhua Chemical Group Co., Ltd. in 2024 (Kechuang Notes)	1,000,000,000.00	1,000,000,000.00		N/A	N/A	Yes
Third Interim Notes of Wanhua Chemical Group Co., Ltd. in 2024	1,000,000,000.00	1,000,000,000.00		N/A	N/A	Yes

Progress and operating benefits of the raised funds for construction projects

□Applicable √Not Applicable

Description of the change in the use of funds raised by the above bonds during the reporting period

☐Applicable ☒Not Applicable

Other notes:

☐Applicable ☒Not Applicable

5、 Adjustment of credit rating results

☒Applicable ☐Not Applicable

Respondents	Name of rating agency	Rating adjustment time	Rating change	Changes in rating outlook	Reasons for changes in rating results
The first issue of medium-term notes of Wanhua Chemical Group Co., Ltd. in 2022 (transformation/Kechuang)	United Credit Rating Co., Ltd.	No	No	No	No
The first issue of ultra-short-term financing bonds of Wanhua Chemical Group Co., Ltd. in 2024 (Kechuang Notes)	United Credit Rating Co., Ltd.	No	No	No	No
The second issue of ultra-short-term financing bonds of Wanhua Chemical Group Co., Ltd. in 2024 (Kechuang Notes)	United Credit Rating Co., Ltd.	No	No	No	No
The third issue of ultra-short-term financing bonds of Wanhua Chemical Group Co., Ltd. in 2024 (Kechuang Notes)	United Credit Rating Co., Ltd.	No	No	No	No
The fourth issue of ultra-short-term financing bonds of Wanhua Chemical Group Co., Ltd. in 2024 (Kechuang Notes)	United Credit Rating Co., Ltd.	No	No	No	No
The fifth issue of ultra-short-term financing bonds of Wanhua Chemical Group Co., Ltd. in 2024 (Kechuang Notes)	United Credit Rating Co., Ltd.	No	No	No	No
The sixth issue of ultra-short-term financing bonds of Wanhua Chemical Group Co., Ltd. in 2024 (Kechuang Notes)	United Credit Rating Co., Ltd.	No	No	No	No

The seventh issue of ultra-short-term financing bonds of Wanhua Chemical Group Co., Ltd. in 2024 (Kechuang Notes)	United Credit Rating Co., Ltd.	No	No	No	No
The eighth issue of ultra-short-term financing bonds of Wanhua Chemical Group Co., Ltd. in 2024 (Kechuang Notes)	United Credit Rating Co., Ltd.	No	No	No	No
The first issue of medium-term notes of Wanhua Chemical Group Co., Ltd. in 2024	United Credit Rating Co., Ltd.	No	No	No	No
The second issue of medium-term notes of Wanhua Chemical Group Co., Ltd. in 2024 (Kechuang Notes)	United Credit Rating Co., Ltd.	No	No	No	No
Third Interim Notes of Wanhua Chemical Group Co., Ltd. in 2024	United Credit Rating Co., Ltd.	No	No	No	No

Other notes:

☐Applicable ☒Not Applicable

6、 Implementation and changes of guarantee, debt repayment plan and other debt repayment guarantee measures during the reporting period and their impact

☐Applicable ☒Not Applicable

7、 Description of other debt financing instruments of non-financial enterprises

☐Applicable ☒Not Applicable

(VI) During the reporting period, the loss in the scope of consolidated statements of the Company exceeded 10% of the net assets at the end of last year

☐Applicable ☒Not Applicable

(VII) Overdue interest-bearing debts other than bonds at the end of the reporting period

☐Applicable ☒Not Applicable

(VIII) Impact of violation of laws and regulations, articles of association, information disclosure management system and agreements or commitments in the bond prospectus on the rights and interests of bond investors during the reporting period

☐Applicable ☒Not Applicable

(IX) Accounting data and financial indicators of the Company for the past two years as of the end of the reporting period

☐Applicable ☒Not Applicable

II、 Convertible corporate bonds

☐Applicable ☒Not Applicable