

Stock Code: 002145

Stock Abbreviation: Titanium Energy Chemical

Announcement No.: 2026-009

# Titanium Energy Chemical Co., Ltd. 2025 Annual Report Summary

## I. Important Notice

This annual report summary is derived from the full annual report. To gain a comprehensive understanding of the Company's operating results, financial condition, and future development plans, investors should carefully read the full annual report on media outlets designated by the China Securities Regulatory Commission (CSRC).

All directors attended the board meeting to review this report.

Notice of Non-Standard Audit Opinion

☐ Applicable ☒ Not Applicable

Proposals for Profit Distribution or Capitalization of Reserves Reviewed by the Board of Directors During the Reporting Period

☒ Applicable ☐ Not Applicable

Whether to increase share capital through the use of capital reserves

☐ Yes ☒ No

The profit distribution proposal approved by the Board of Directors at this meeting is as follows: Based on the Company's current total issued share capital, minus the shares held in the Company's share repurchase account, the balance of 3,586,292,438

shares, to distribute a cash dividend of 0.2 yuan (tax included) per 10 shares to all shareholders; no bonus shares will be issued, and no capital reserve will be used to increase share capital.

Profit Distribution Proposal for Preferred Shares for the Reporting Period Approved by the Board of Directors

☐ Applicable ☒ Not Applicable

## II. Basic Information About the Company

### 1. Company Profile

|                                        |                                                                     |                                   |        |
|----------------------------------------|---------------------------------------------------------------------|-----------------------------------|--------|
| Stock Abbreviation                     | Titanium Energy Chemical                                            | Stock Code                        | 002145 |
| Stock Exchange                         | Shenzhen Stock Exchange                                             |                                   |        |
| Previous Stock Abbreviation (if any)   | CNNC Titanium Dioxide                                               |                                   |        |
| Contact Person and Contact Information | Secretary to the Board of Directors                                 | Securities Affairs Representative |        |
| Name                                   | Zhou Yuan                                                           |                                   |        |
| Office Address                         | No. 117, Luojiatan, Baiyin District, Baiyin City,<br>Gansu Province |                                   |        |
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### 2. Overview of Major Businesses or Products During the Reporting Period

The Company is a large conglomerate dedicated to the green, coupled, and circular development of three major industries: titanium chemicals, phosphorus chemicals, and new energy materials. Through the strategic approach of "organic growth and external mergers and acquisitions," the Company remains steadfast in its deep focus on the four core business segments of "resources, chemicals, new materials, and new energy," comprehensively expanding its presence across the entire industrial chain

to build a green circular industrial economy. The Company has successfully transitioned from a single core business of titanium dioxide to a synergistic development model encompassing multiple core businesses—including titanium chemicals, phosphorus chemicals, and new energy materials—and strives to become one of the world's largest manufacturers of sulfuric acid-process titanium dioxide and yellow phosphorus.

The company has completed the initial establishment of a “sulfur-phosphorus-iron-titanium-lithium” green circular industrial development model, with industrial bases located in Baiyin, Gansu; Ma'anshan, Anhui; Jiayuguan, Gansu; Guiyang, Guizhou; and Panzhihua, Sichuan, forming industry-leading production capacities for new energy chemical materials such as titanium dioxide, yellow phosphorus, and iron phosphate. Among these, the current production capacity for titanium dioxide is nearly 700,000 metric tons per year; the current production capacity for phosphate ore is 500,000 metric tons per year; current annual production capacity for yellow phosphorus stands at 120,000 metric tons; and current annual production capacity for ferric phosphate stands at 100,000 metric tons. During the reporting period, the Company focused on the strategic objectives of “improving quality and efficiency, and increasing volume and speed,” deepened the integrated layout of its industrial chain, and built a green circular economy system, thereby successfully achieving a strategic transformation from a single core business in titanium dioxide to a diversified portfolio encompassing titanium chemicals, phosphorus chemicals, and new energy materials. The Company's operating performance showed steady progress, and its market position was further consolidated, as evidenced by the following:

(1) Production and Sales in the Titanium Chemicals Industry: Faced with challenges such as temporary imbalances in supply and demand and potential trade barriers, the Company's various production units and functional departments coordinated efficiently to ensure a balance between titanium dioxide production and sales, optimize sales strategies, proactively adapt to new export conditions, and successfully expand customer resources both domestically and internationally. This led to the diversification of titanium dioxide sales channels, resulting in new highs in titanium dioxide production and sales and a further increase in market share. In 2025, the company produced 499,000 metric tons of titanium dioxide, a year-over-year increase of 9.70%, and sold 484,500 metric tons, a year-over-year increase of 13.08%. Domestic sales accounted for 56.4% of total sales revenue, while overseas sales accounted for 43.5%.

(2) Production and Sales Performance of the Phosphate Chemical Industry: The Company possesses strong capabilities in mergers, acquisitions, and integration. Since 2023, the Company has successfully acquired high-quality assets such as the Shuangyang Phosphate Mine and Guizhou Zhonghe Phosphorus-Carbon, achieving a breakthrough in its resource business segment by building it from the ground up. It has added new phosphate ore and yellow phosphorus production and sales operations, continuously optimized its revenue structure, and created a second growth curve for the Company's operating performance. In 2025, the company produced 453,000 metric tons of phosphate concentrate, ensuring a stable supply of core raw materials for its yellow phosphorus products; it produced 36,100 metric tons of yellow phosphorus, an 86.84% year-over-year increase, and sold 35,400 metric tons of yellow phosphorus, an 84.35% year-over-year increase, with yellow phosphorus production capacity being gradually and steadily ramped up.

(3) Other Businesses (New Energy Materials, Logistics, and Other Products): During the reporting period, the scale of the Company's ferric phosphate and other products, as well as its logistics operations, grew steadily. In 2025, the Company produced 41,100 metric tons of ferric phosphate and sold 39,100 metric tons. The Company successfully developed ferric phosphate products that meet the requirements of various customers; these products have been recognized by downstream customers and are now being supplied in bulk, creating a new growth driver for the Company.

In 2025, the Company's operating revenue reached 7.784 billion yuan, representing a year-over-year increase of 13.22%. The Company's primary sources of revenue include sales of products such as titanium dioxide, ferrous sulfate, phosphate ore, yellow phosphorus, and iron phosphate, as well as logistics and transportation services. The efficient implementation of the Company's development strategy has further ensured the sustained growth of its revenue scale.

The company places great importance on shareholder returns and has established a consistent, stable, and proactive dividend policy. During the reporting period, the

company completed the 2024 equity distribution, distributing a total of

58,469,665.58 yuan in cash dividends; it also implemented a share repurchase plan, with a cumulative repurchase amount of 300,002,145 yuan in 2025. As of December 31, 2025, the Company's dedicated share repurchase securities accounts held a total of 220,379,745 shares (including shares repurchased in 2023 and 2025), accounting for 5.79% of the Company's total issued share capital.

### Company's Main Products and Their Uses

During the reporting period, the Company's operating revenue derived from the sale of products such as titanium dioxide, ferrous sulfate, phosphate ore, yellow phosphorus, and ferric phosphate, as well as logistics and transportation services. Among these, sales of titanium dioxide, phosphate ore, and yellow phosphorus constituted the Company's primary sources of operating revenue, accounting for more than 87% of the Company's total sales revenue in 2025.

#### (1) Titanium Dioxide

Titanium dioxide, with the chemical formula  $\text{TiO}_2$ , is currently the world's highest-performing white pigment, accounting for approximately 80% of all white pigments in use. Titanium dioxide's stable physical and chemical properties and excellent optical characteristics determine its superior performance as a pigment, including exceptional hiding power, tinting strength, whiteness, and weather resistance. It is one of the top-selling inorganic chemical products globally and is widely used in coatings, plastics, papermaking, inks, synthetic fibers, rubber, and other fields. End products are used in rapidly growing industries such as real estate, the automotive industry, and decorative paper, earning it the nickname “the MSG of industry.” In recent years, with advancements in technology, the consumption of titanium dioxide has expanded into fields such as new energy vehicles, high-end equipment, environmental protection, and medical applications, offering extremely broad application prospects.

Titanium dioxide is classified into pigment-grade and non-pigment-grade types based on its intended use. Pigment-grade titanium dioxide offers the best performance and the widest range of applications. Based on crystal structure, it is classified into two types: anatase (Type A) and rutile (Type R). Among these, rutile-type titanium dioxide possesses superior hiding power and weather resistance; its photochemical stability and gloss are both superior to those of anatase-type titanium dioxide. It is considered the finest variety among white pigments and holds greater practical value.

#### (2) Phosphate Ore

Phosphate ore is currently the world's most important source of phosphorus. It is widely used in phosphate fertilizers, feed additives, industrial phosphoric acid, water treatment agents, and food additives, among other fields. End products are applied in rapidly growing industries such as agricultural cultivation, livestock farming, food processing, and new energy batteries. In recent years, the consumption of phosphate ore has expanded into emerging fields such as lithium iron phosphate batteries, electronic-grade phosphoric acid, and biomedical materials, driving a continuous rise in the industry's value.

#### (3) White Phosphorus

Yellow phosphorus, chemically known as white phosphorus, is currently the most reactive and highest-purity elemental phosphorus product in the world. It serves as an irreplaceable basic raw material for thermally produced phosphoric acid, organophosphorus compounds, and high-end phosphorus-based materials. Yellow phosphorus is one of the core intermediates with a high position in the global phosphorus chemical industry's value chain and is widely used in thermally produced phosphoric acid, organophosphorus pesticides, phosphorus-based flame retardants, electronic chemicals, and pharmaceutical intermediates. In recent years, with the development of the new energy industry, the consumption of yellow phosphorus has expanded into high-end fields such as high-purity electronic-grade phosphoric acid, lithium iron phosphate precursors, and phosphorus-containing fine chemicals. High-value-added applications continue to emerge, indicating tremendous development potential.

### Main Product Manufacturing Processes

#### (1) Titanium Dioxide Production Process

The sulfuric acid process for titanium dioxide production primarily uses titanium concentrate as raw material. Sulfuric acid is used to decompose the titanium in the concentrate into a  $\text{TiOSO}_4$  solution. Insoluble impurities in the titanium solution are removed through processes such as sedimentation and filtration. Subsequently,  $\text{FeSO}_4 \cdot 7\text{H}_2\text{O}$  from the titanium solution. After concentration and hot hydrolysis, a metatitanate slurry is produced. Soluble sulfates and heavy metal impurities are removed through washing and bleaching processes. After adding phase-transformation aids and filter-pressing, the slurry undergoes calcination for dehydration, desulfurization, and phase transformation to yield crude anatase or rutile-type titanium dioxide. After dry grinding, the crude titanium dioxide yields anatase products and uncoated rutile crude products. To produce high-value rutile products, the crude titanium dioxide must first be slurried and then processed through classification, grinding, inorganic surface treatment, washing, drying, organic surface treatment, and atomization to obtain finished rutile titanium dioxide products that meet application requirements.

The specific process is as follows:

- 1) Titanium concentrate is ground using a Raymond mill, air-swept mill, ball mill, or similar equipment to produce mineral powder of a fineness meeting process requirements.

2) Concentrated sulfuric acid is used to decompose the mineral powder, producing a soluble  $\text{TiOSO}_4$  solution. During the acid leaching process, most impurities in the mineral powder are also decomposed, forming corresponding soluble sulfates, which enter the solution along with the soluble titanium salts during leaching, resulting in a black titanium solution. To effectively remove iron, metallic iron is used to reduce the high-valent iron in the titanium solution to ferrous iron. At the same time, to prevent the re-oxidation of ferrous iron, an excess of metallic iron must also be used to reduce a specific amount of tetravalent titanium to trivalent titanium.

3) The black titanium solution ( $\text{TiOSO}_4$  solution) contains both soluble and insoluble impurities. Most of the insoluble impurities—such as undecomposed titanium ore and sand particles—can be naturally removed by sedimentation under the force of gravity. Another portion of the insoluble impurities consists of colloidal compounds of silicon and aluminum, as well as some early-stage hydrolyzed titanium. Although present in small quantities, these possess high kinetic stability and require the addition of a flocculant to enhance the sedimentation and clarification process. Sulfates of metals such as iron, vanadium, chromium, and manganese are soluble impurities that are removed during crystallization, hydrolysis, or washing.

4) The sludge remaining after purification and sedimentation still contains a large amount of soluble and insoluble titanium. To ensure yield, most of the soluble titanium must be recovered using a plate-and-frame filter press, while the insoluble titanium and other undissolved impurities are disposed of as waste residue.

5) The black titanium solution contains a large amount of  $\text{Fe}^{2+}$ . Since iron significantly affects the color of titanium dioxide, it must be removed. The solubility of  $\text{FeSO}_4$  is greatly influenced by solution temperature. Therefore, in a titanium solution of a given composition, the solubility of  $\text{FeSO}_4$  decreases as the temperature drops. In this process,  $\text{FeSO}_4 \cdot 7\text{H}_2\text{O}$  crystals are typically formed through vacuum crystallization or freeze crystallization. Solid-liquid separation of  $\text{FeSO}_4 \cdot 7\text{H}_2\text{O}$  is then performed using a disc filter or centrifuge to remove the large amount of  $\text{Fe}^{2+}$  from the black titanium solution.

6) The titanium solution remaining after sedimentation still contains some suspended impurities that will affect the hue of the final product. Therefore, fine filtration is essential. A plate-and-frame filter press is used for filtration, with powdered charcoal (or diatomaceous earth, perlite) as a filter aid. The strong adsorption properties of the powdered charcoal are utilized to further remove insoluble impurities from the titanium solution, thereby achieving purification.

7) Concentration is performed to raise the concentration of the titanium solution to the level required for hydrolysis. The boiling point of the titanium solution is high—already exceeding the critical temperature for its hydrolysis—so concentration must be carried out at a lower temperature. Utilizing the principle that the boiling point of a solution decreases under vacuum, the titanium solution is brought to a boil at a low temperature to evaporate the water it contains, thereby increasing the concentration of the finely filtered titanium solution to meet the requirements for hydrolysis.

8) The hydrolysis of titanium solution is the process by which titanium dioxide is converted back from the liquid phase (titanium solution) to the solid phase. Titanium solution exhibits the properties of a typical ionic solution and undergoes hydrolysis when the pH is greater than 0.5. More importantly, titanium solution also exhibits the properties of a colloidal solution. Under conditions of high free acid content, hydrolysis can also occur while the solution is maintained in a boiling state; this is the basis for producing hydrated titanium dioxide with specific application and product properties. By controlling the heating rate, the titanium solution undergoes hydrolysis at the desired rate, resulting in the formation of hydrated titanium dioxide particles.

9) Hydrolyzed hydrated titanium dioxide contains sulfuric acid as well as ions of iron, aluminum, manganese, copper, nickel, vanadium, and lead. When these ions are calcined, they form corresponding oxides that exhibit various colors, which in turn contaminate the product to varying degrees; therefore, they must be removed through washing. Hydrated titanium dioxide is insoluble in water, whereas sulfuric acid and ions such as iron, aluminum, manganese, copper, nickel, vanadium, and lead are soluble in water. This is a prerequisite for the washing process, which utilizes the concentration difference between the washing water and the impurity ions in the hydrated titanium dioxide to remove the impurities with water. The washing process primarily prevents soluble impurity ions from transforming into insoluble impurity precipitates. Therefore, there are specific requirements regarding the content of iron and other solid impurities in the wash water to prevent impurities from accumulating on the hydrated titanium dioxide and contaminating the product.

10) Preparation of Calcined Seed Crystals: A portion of the metatitanate slurry that has passed the water washing test is drawn off, metered, and added to the alkali dissolution tank to react with the metered alkali solution. After the reaction, the alkali-dissolved product is cooled and washed with demineralized water. After passing the wash quality inspection, the alkali-solubilized material is discharged and pulped before being fed into the seed preparation tank, where hydrochloric acid is used to dissolve it into calcined seeds. These seeds are then pumped into the calcined seed metering tank and added during the bleaching process.

11) Metatitanate that has undergone one water wash is treated with a measured amount of concentrated sulfuric acid at a specific concentration, causing part of the metatitanate to react with the concentrated sulfuric acid to form titanium oxosulfate. Aluminum powder is then added to reduce the tetravalent titanium in titanium oxosulfate to trivalent titanium, ensuring a certain concentration of trivalent titanium in the slurry after bleaching. This process also reduces metal elements—such as iron ions—that were oxidized during washing to lower-valent iron ions. A second wash is then performed to ensure more thorough removal of metatitanate.

12) After undergoing two wash cycles, the titanate requires the addition of various types of additives prior to calcination. This ensures appropriate temperatures and stable internal changes during the calcination process, allowing the final titanium dioxide product to maintain a stable grain size and shape, thereby ensuring the titanium dioxide pigment possesses good hue, luster, and excellent tinting and hiding power.

13) Calcination involves subjecting hydrated titanium dioxide to processes such as dehydration, desulfurization, and phase transformation to remove free water, bound water, and sulfur trioxide from the hydrated titanium dioxide. The material is then processed in a high-temperature zone to refine and transform its crystal structure, yielding a crude granular product of anatase or rutile titanium dioxide.

14) Grinding involves breaking down the crude granular titanium dioxide product, typically using a Raymond mill or a roller press. Inside the Raymond mill, the material is rapidly pulverized by the impact of high-speed rotating grinding rollers and the grinding ring. It is then classified by a classifier; the coarse material returns to the grinding chamber, while the fine material enters a bag filter, passes through a star-type discharge valve into a screw feeder, and is conveyed to the post-grinding silo. Anatase products or uncoated rutile products are packaged as finished goods; coated rutile products require further processing.

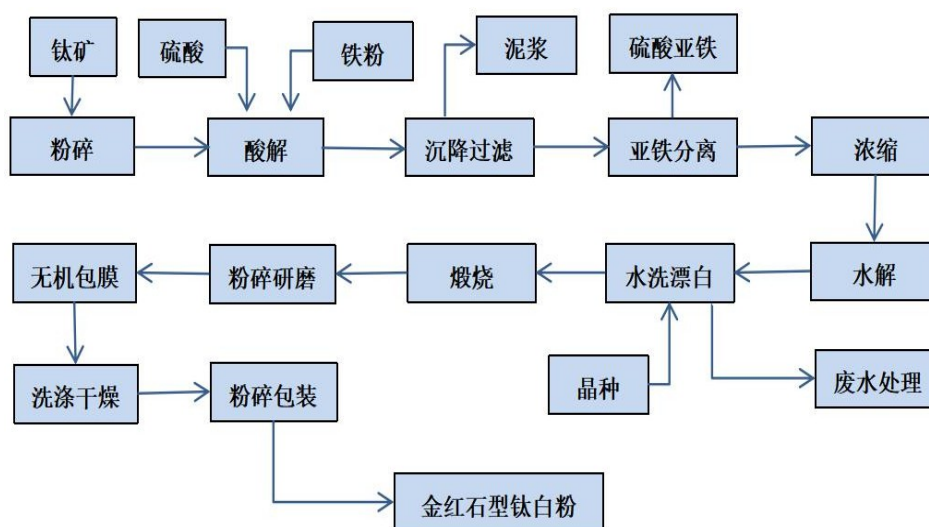
15) In the sand mill (wet grinding) process, the uniformly dispersed titanium dioxide slurry is pumped into the sand mill for grinding. Once the slurry meets the grinding and dispersion specifications, it is pumped to the surface treatment tank.

16) In the surface treatment tank, various inorganic surface treatment agents are metered in according to the specific product grade. By controlling the addition method, slurry temperature, and pH value, the inorganic surface treatment agents are applied to the surface of the titanium dioxide particles in different forms to improve the material's application performance.

17) The surface-treated material is washed with demineralized water to remove salts. The titanium dioxide filter cake, after passing the wash quality inspection, is fed into a dryer; the filtrate, after being passed through the titanium dioxide filter for recovery, is pumped to the calcination process to serve as wash water and as slurry for the resuspension process.

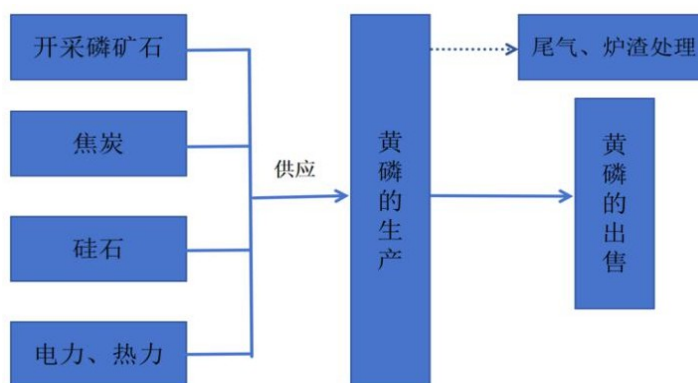
18) The slurry that passes the washing inspection is filtered under pressure and then fed into a dryer for drying. The dry powder enters a high-temperature bag filter with the hot airflow to recover  $\text{TiO}_2$ , and the dried titanium dioxide is conveyed via an pneumatic conveying system to the pre-grinding silo; the exhaust gas is discharged through an induced draft fan.

19) The dried titanium dioxide is fed into a steam jet mill, where superheated steam serves as the grinding medium. Driven by high-speed steam jets, the material undergoes intense collisions and is ground. The ground material enters a high-temperature bag filter along with exhaust steam; most of the titanium dioxide product is separated and directed to the finished product silo. The finished titanium dioxide is then packaged in specified quantities by a packaging machine and sent to the finished goods warehouse.



## (2) Phosphate Ore and Yellow Phosphorus Production Process

The company's yellow phosphorus production employs the electric furnace process. This process uses phosphate rock, coke, and silica as raw materials; a reduction reaction occurs in a high-temperature electric furnace to generate phosphorus vapor, which is then condensed and refined to produce finished yellow phosphorus. The core principle of the electric furnace process is to use coke as a reducing agent to reduce calcium phosphate to elemental phosphorus at high temperatures of 1,400°C–1,500°C, while silica serves as a flux to lower the reaction temperature. This process offers advantages such as high product purity and good net yield. In recent years, the “dual carbon” goals, the yellow phosphorus production industry has been accelerating technological upgrades. On one hand, measures such as waste heat recovery and power generation from exhaust gases have reduced energy consumption by 15%–32%; on the other hand, environmental technologies such as magnetic energy-based white residue removal and deep purification of exhaust gases have been developed.



## Business Model

The company uses purchased titanium concentrate and sulfuric acid to produce titanium dioxide and the byproduct ferrous sulfate. Ferrous sulfate is further processed to produce ferric phosphate. At the same time, the company utilizes phosphate rock mined from its own mines to produce yellow phosphorus. The company sells titanium dioxide, yellow phosphorus, phosphate rock, ferric phosphate, ferrous sulfate, and other products externally.

The company possesses an independent and comprehensive R&D, procurement, production, and sales system, and conducts its production and business operations autonomously based on its own capabilities, macroeconomic conditions, and market changes. During the reporting period, the company continued to adhere to the business philosophy of “production-driven sales, with cost control as the core and product quality as a priority”. Relying on production bases in Baiyin, Gansu; Ma’anshan, Anhui; Jiayuguan, Gansu; Guiyang, Guizhou; and Panzhihua, Sichuan, the company rationally allocated resources, integrated procurement channels, expanded export sales, intensified R&D efforts, leveraged its brand advantages, and enhanced market competitiveness, thereby achieving favorable economic results.

## Development Strategy and Transformation & Upgrading

### Building a Green Circular Industry to Achieve Transformation and Upgrading, and Contributing to the “Dual Carbon” Goals

Under the current new economic development paradigm—which emphasizes “guiding development with new development concepts, fostering new-quality productive forces tailored to local conditions, strengthening the domestic economic cycle, facilitating the dual circulation of domestic and international markets, and coordinating the expansion of domestic demand with the deepening of supply-side structural reforms”—the company, in accordance with the key principles of the “15th Five-Year Plan,” adheres to a development strategy combining endogenous growth and external mergers and acquisitions. It focuses on the four major business segments of “Resources, Chemicals, new materials, and new energy,” comprehensively expanding our presence across the entire industrial chain. We are resolutely advancing the “sulfur-phosphorus-iron-titanium-lithium” green circular industrial economy, building a competitive moat based on differentiated cost advantages, driving the company’s green and low-carbon transformation, effectively promoting high-quality development, and contributing to the achievement of the “Dual Carbon” strategic goals.

## 3. Key Accounting Data and Financial Indicators

### (1) Key Accounting Data and Financial Ratios for the Past Three Years

Does the company need to retrospectively adjust or restate accounting data from prior years?

☐ Yes ☒ No

Unit: Yuan

|                                                                                                                   | End of 2025       | End of 2024       | Change from the end of the<br>previous year | End of 2023       |
|-------------------------------------------------------------------------------------------------------------------|-------------------|-------------------|---------------------------------------------|-------------------|
| Total Assets                                                                                                      | 19,479,293,494.23 | 19,472,278,037.87 | 0.04%                                       | 18,535,583,826.96 |
| Net assets attributable to<br>shareholders of the listed<br>company<br>Net Assets                                 | 12,018,456,143.77 | 12,055,373,224.36 | -0.31%                                      | 11,886,117,790.93 |
|                                                                                                                   | 2025              | 2024              | Change from the Previous<br>Year            | 2023              |
| Revenue                                                                                                           | 7,783,579,654.79  | 6,874,598,275.40  | 13.22%                                      | 4,946,559,389.00  |
| Net Income Attributable to<br>Shareholders of the Listed<br>Company<br>Net Income                                 | 356,817,071.60    | 565,074,907.04    | -36.85%                                     | 419,080,729.65    |
| Net Income Attributable to<br>Shareholders of the Listed<br>Company, Excluding Non-<br>recurring Gains and Losses | 309,573,285.26    | 437,196,618.10    | -29.19%                                     | 322,259,103.03    |
| Net Cash Flow from Operating<br>Activities<br>Net Cash Flow                                                       | 422,196,787.48    | 342,866,340.68    | 23.14%                                      | -337,129,504.91   |
| Basic Earnings Per Share<br>(RMB/share)                                                                           | 0.0985            | 0.1540            | -36.04%                                     | 0.1150            |
| Diluted earnings per share<br>(yuan/share)                                                                        | 0.0985            | 0.1540            | -36.04%                                     | 0.1150            |
| Weighted Average Return<br>on Equity                                                                              | 2.96%             | 4.74%             | -1.78%                                      | 3.69%             |

### (2) Key Quarterly Financial Data

Unit: Yuan

|                                                                     | First Quarter    | Second Quarter   | Third Quarter    | Fourth Quarter   |
|---------------------------------------------------------------------|------------------|------------------|------------------|------------------|
| Revenue                                                             | 2,038,896,475.59 | 1,730,951,507.76 | 1,995,409,226.67 | 2,018,322,444.77 |
| Net Income Attributable to<br>Shareholders of the Listed<br>Company | 134,093,158.14   | 125,119,201.53   | 56,836,023.16    | 40,768,688.77    |

## Summary

|                                                                                                         |                |                |               |                |
|---------------------------------------------------------------------------------------------------------|----------------|----------------|---------------|----------------|
| Net Income Attributable to Shareholders of the Listed Company, Excluding Non-recurring Gains and Losses | 103,889,026.58 | 116,491,521.39 | 52,535,025.18 | 36,657,712.11  |
| Net Cash Flow from Operating Activities                                                                 | 91,860,652.76  | 373,068,394.65 | 12,909,016.92 | -55,641,276.85 |
| Net Cash Flow                                                                                           |                |                |               |                |

Do the above financial indicators or their aggregate amounts differ materially from the relevant financial indicators in the Company's previously disclosed quarterly and semi-annual reports?

☐ Yes ☒ No

#### 4. Share Capital and Shareholder Information

##### (1) Table of the Number of Common Stockholders and Preferred Stockholders with Restored Voting Rights, and the Top 10 Shareholders' Holdings

Unit: Shares

| Total Number of Common Stockholders at the End of the Reporting Period                                                                     | 108,409                               | Total Number of Common Stockholders as of the End of the Month Prior to the Annual Report Disclosure Date | 127,431               | Total number of preferred shareholders with voting rights restored as of the end of the reporting period | 0                                 | Total number of preferred stockholders whose voting rights were reinstated as of the end of the month preceding the date of disclosure of the annual report | 0 |
|--------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------------------------------------------------------------------------------|-----------------------|----------------------------------------------------------------------------------------------------------|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| Shareholdings of the Top 10 Shareholders (excluding shares lent through the securities lending program)                                    |                                       |                                                                                                           |                       |                                                                                                          |                                   |                                                                                                                                                             |   |
| Shareholder Name                                                                                                                           | Shareholder Type                      | Shareholding Percentage                                                                                   | Number of Shares Held | Number of Shares Subject to Lock-Up Restrictions                                                         | Pledge, Marking, or Freeze Status |                                                                                                                                                             |   |
|                                                                                                                                            |                                       |                                                                                                           |                       |                                                                                                          | Share Status                      | Quantity                                                                                                                                                    |   |
| Wang Zelong                                                                                                                                | Domestic natural person Individual    | 34.01%                                                                                                    | 1,294,745,230.00      | 0                                                                                                        | N/A                               | 0                                                                                                                                                           |   |
| Central Enterprise Rural Industry Investment Fund Co., Ltd. Co., Ltd.                                                                      | State-Owned Legal Entity              | 2.65%                                                                                                     | 100,828,643.00        | 0                                                                                                        | N/A                               | 0                                                                                                                                                           |   |
| Shen Xin                                                                                                                                   | Domestic Individual Individual        | 2.03%                                                                                                     | 77,420,570.00         | 0                                                                                                        | Frozen                            | 71,537,260.00                                                                                                                                               |   |
| Titanium Energy Chemical Co., Ltd. – Phase IV Employee Stock Ownership Plan                                                                | Other                                 | 1.94%                                                                                                     | 73,799,563.00         | 0                                                                                                        | N/A                               | 0                                                                                                                                                           |   |
| Hong Kong Central Clearing Limited Company                                                                                                 | Overseas legal entities               | 1.50%                                                                                                     | 57,190,226.00         | 0                                                                                                        | N/A                               | 0                                                                                                                                                           |   |
| GF Securities Co., Ltd. Company                                                                                                            | Domestic Non-State-Owned Legal Entity | 1.09%                                                                                                     | 41,470,896.00         | 0                                                                                                        | N/A                               | 0                                                                                                                                                           |   |
| Titanium Energy Chemical Co., Ltd. – Fifth Employee Stock Ownership Plan                                                                   | Other                                 | 0.98%                                                                                                     | 37,416,159.00         | 0                                                                                                        | N/A                               | 0                                                                                                                                                           |   |
| Gansu Great Wall Xinglong Silk Road Fund Management Co., Ltd. — Gansu Great Wall Xinglong Silk Road Fund (Limited Partnership Partnership) | Other                                 | 0.88%                                                                                                     | 33,422,972.00         | 0                                                                                                        | N/A                               | 0                                                                                                                                                           |   |

## Summary

|                                                                                                                       |                                                                                                                                                                                                                                                                                                                |       |               |   |     |   |
|-----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------------|---|-----|---|
| Galaxy Derui Capital Management Ltd.                                                                                  | Domestic Non-State-Owned Legal Entity                                                                                                                                                                                                                                                                          | 0.87% | 33,127,148.00 | 0 | N/A | 0 |
| Huatai Securities                                                                                                     | Other                                                                                                                                                                                                                                                                                                          | 0.84% | 31,887,605.00 | 0 | N/A | 0 |
| Joint-Stock Company – Penghua CSI Chemical Industry Sub-Sector Theme ETF Fund                                         |                                                                                                                                                                                                                                                                                                                |       |               |   |     |   |
| Explanation of the aforementioned shareholder affiliation or a Explanation of Affiliation or Acting in Concert        | It is unknown whether there are any affiliated relationships or concerted action among the above shareholders.                                                                                                                                                                                                 |       |               |   |     |   |
| Explanation of Shareholders Engaged in Margin Trading and Short Selling (if any)                                      | None                                                                                                                                                                                                                                                                                                           |       |               |   |     |   |
| Special Note on the Presence of Share Repurchase Accounts Among the Top 10 Shareholders (if applicable) (see Note 10) | As of the end of the reporting period, the Company's dedicated share repurchase securities account held 220,379,745 shares of the Company's stock (including shares repurchased in the 2023 and 2025), accounting for 5.79% of the Company's total issued share capital as of the end of the reporting period. |       |               |   |     |   |

Participation in Share Lending under the Securities Lending and Borrowing Program by Shareholders Holding 5% or More, the Top 10 Shareholders, and the Top 10 Shareholders of Unrestricted Circulating Shares

☐ Applicable ☒ Not Applicable

Changes in the Top 10 Shareholders and Top 10 Holders of Unrestricted Circulating Shares Compared to the Previous Period Due to the Lending/Return of Shares for Securities Lending and Borrowing

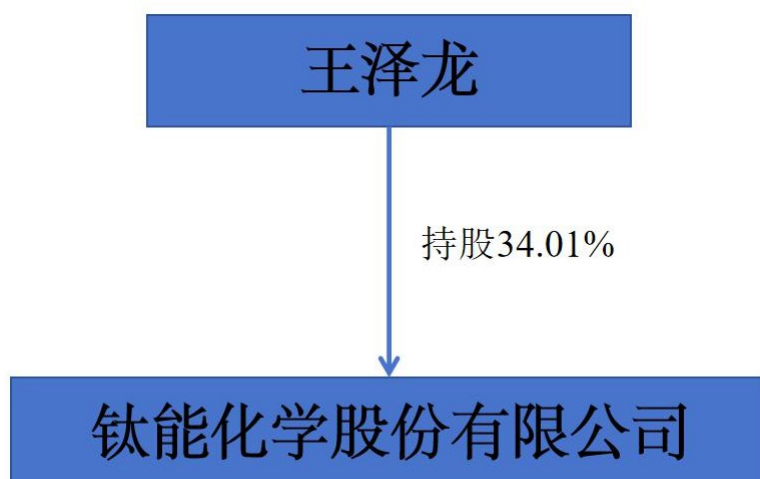
☐ Applicable ☒ Not Applicable

## (2) Table of the Total Number of Preferred Stockholders and the Shareholdings of the Top 10 Preferred Stockholders

☐ Applicable ☒ Not Applicable

The Company had no preferred stockholders during the reporting period.

## (3) Disclosure of the ownership and control relationships between the Company and its actual controller in the form of a flowchart



## 5. Status of Bonds Outstanding as of the Date of Approval and Issuance of the Annual Report

☐ Applicable ☒ Not Applicable

## III. Significant Matters

### 1. Signing of the “Strategic Cooperation Agreement” with Nippon Investment

The Company entered into a “Strategic Cooperation Agreement” with Nippon Investment Co., Ltd. (hereinafter referred to as “Nippon Investment”). Both parties agreed to establish a strategic procurement partnership for titanium dioxide from 2025 to 2027, aiming to jointly provide customers with higher-quality and more comprehensive products and services through resource sharing, complementary strengths, and business innovation. During the strategic cooperation period under this agreement (2025–2027), the Company is expected to become one of Nippon Investment’s largest suppliers of titanium dioxide products. This will effectively ensure the production-and-sales balance of the Company’s core product, rutile-type titanium dioxide, further enhance product quality in specific application areas, and lay a solid foundation for the Company to increase its market share.

### 2. Extension of the Term of the Employee Stock Ownership Plan

On February 14, 2025, the Company convened the 32nd (Extraordinary) Meeting of the 7th Board of Directors, which reviewed and approved the “Proposal on the Extension of the Term of the 2020 Employee Stock Ownership Plan” and the “Proposal on the Extension of the Term of the Fifth Employee Stock Ownership Plan,” agreeing to extend the term of the 2020 Employee Stock Ownership Plan—which was originally set to expire on August 16, 2026; and to extend the term of the Fifth Employee Stock Ownership Plan, which was originally set to expire on September 29, 2025,

### 3. Change the Purpose of a Portion of the Repurchased Shares and Cancel Them

At the 33rd (Extraordinary) Meeting of the 7th Board of Directors, the 19th (Extraordinary) Meeting of the 7th Board of Supervisors, and the First Extraordinary Shareholders’ Meeting of 2025 held on March 12, 2025, approved the “Resolution on Changing the Purpose of a Portion of Repurchased Shares, Canceling Them, and Reducing Registered Capital.”

“Proposal”: Based on our commitment to the Company’s long-term value, and in order to strengthen investor confidence in the Company and protect the interests of all investors, the Company will change the intended use of the 64,354,132 shares repurchased under the Company’s 2022 share repurchase shares—from “to be sold in accordance with relevant regulations as necessary to safeguard the Company’s value and shareholders’ rights and interests” to “to be canceled to reduce the Company’s registered capital,” and will complete the relevant procedures for share cancellation and business registration changes in accordance with regulations.

A total of 64,354,132 repurchased shares are being canceled in this instance, representing 1.66% of the Company’s total issued share capital prior to the cancellation. As verified and confirmed by the Shenzhen Branch of China Securities Depository and Clearing Corporation Limited, the cancellation of the repurchased shares has been completed, and the number of shares canceled, the completion date, and the cancellation period comply with the relevant laws and regulations governing the cancellation of repurchased shares.

### 4. Share Repurchase

On March 12, 2025, the Company convened the 35th (Extraordinary) Meeting of the 7th Board of Directors, which reviewed and approved the “Proposal on the Plan for the Repurchase of the Company’s Shares.” Based on confidence in the Company’s future development prospects and a high recognition of the Company’s value, after comprehensively considering the Company’s recent performance in the secondary stock market and taking into account factors such as the Company’s operating conditions, the development prospects of its core business, and its financial status, the Company plans to use its own funds and self-raised funds (including special repurchase loans from commercial banks) to repurchase a portion of its issued RMB Class A common shares through centralized competitive bidding. This is intended to further improve the Company’s long-term incentive mechanism, safeguard the legitimate rights and interests of all shareholders, and promote the Company’s stable and healthy development. The repurchase price for the shares in this repurchase shall not exceed 6 yuan per share (inclusive), and the total funds allocated shall be no less than 300 million yuan (inclusive) and no more than 500 million yuan (inclusive). The repurchase period shall not exceed twelve months from the date the Board of Directors approves this share repurchase plan.

Pursuant to the Company’s “Announcement on the Share Repurchase Plan” and “Share Repurchase Report,” if the Company implements dividend distributions, bonus share issuances, capitalization of capital reserves, stock splits, reverse stock splits, rights offerings, or other ex-dividend or ex-rights events during the repurchase period, the maximum repurchase price and the number of shares to be repurchased will be adjusted accordingly, effective from the ex-dividend or ex-rights date, in accordance with the relevant regulations of the China Securities Regulatory Commission and the Shenzhen Stock Exchange. Given that the Company’s 2024 annual equity distribution has been completed, the Company is adjusting the

, adjusting the maximum repurchase price from no more than RMB 6 per share to no more than RMB 5.98 per share.

Through a dedicated securities account for share repurchases, the Company has cumulatively repurchased 68,061,950 shares via centralized auction trading, representing

1.7880% of the Company’s current total issued share capital. The highest transaction price was 5.09 yuan per share, and the lowest was 4.12 yuan per share, with a total transaction value of 300,002,145.00 yuan (excluding transaction fees

). This share repurchase plan has been fully implemented. The timeframe for the Company’s share repurchase was from May 9, 2025, to January 23, 2026. The funds for this repurchase came from the Company’s own funds and self-raised funds (including special repurchase loans from commercial banks, etc.). The repurchase price did not exceed the upper limit set forth in the repurchase plan, and the total actual repurchase amount exceeded the lower limit of 300 million yuan specified in the repurchase plan. This buyback complies with relevant laws and regulations and is in accordance with the established share repurchase plan.

### 5. Profit Distribution

On March 9, 2025, the Company convened the 34th Meeting of the 7th Board of Directors and the 20th Meeting of the 7th Board of Supervisors; and on April 1, 2025, the 2024 Annual Shareholders’ Meeting, the Company approved the “Proposal on the 2024 Profit Distribution Plan.” The 2024 profit distribution plan is as follows: Based on the Company’s current total share

, after deducting the shares held in the Company’s share repurchase special account, a cash dividend of 0.16 yuan (tax included) will be distributed to all shareholders for every 10 shares held, totaling

58,469,665.58 yuan (tax included). The cash dividend amount accounts for 100% of the total profit distribution for this occasion and represents 10.35% of the net profit attributable to shareholders of the parent company in the Company’s 2024 consolidated financial statements. If the Company’s total share capital changes prior to the implementation of this profit distribution plan due to share repurchases or other reasons, the distribution will be adjusted accordingly in accordance with the principle that “the cash dividend amount remains fixed.”

This equity distribution was completed on April 14, 2025.

### Establishment of a Controlling Subsidiary through External Investment and Completion of Business Registration

To lay a solid foundation for further deepening cooperation, and guided by the principles of “equality and mutual trust, mutual benefit and win-win outcomes, complementary strengths, and resource sharing,” the Company signed a “Framework Agreement for Cooperation” with **Phosphate Group** (Group) Co., Ltd. (hereinafter referred to as “Phosphate Group”) a “Cooperation Framework Agreement.” In accordance with the “Cooperation Framework Agreement” and the Company’s strategic plan, the Company intends to jointly invest with Phosphate Group in the construction of a “**sulfur-phosphorus-titanium-iron-calcium**” resource recycling industrial project (including an annual production capacity of 1.4

million metric tons of ferrous sulfate with the co-production of 400,000 metric tons of titanium dioxide, an annual output of 200,000 metric tons of yellow phosphorus, as well as a comprehensive utilization project for yellow phosphorus off-gas, among others). Upon completion and commencement of operations, the Company will become one of the world's largest manufacturers of sulfuric acid-process titanium dioxide and yellow phosphorus. For the aforementioned projects, the Company and the Phosphate Group have jointly established Guizhou Zhonghe Phosphate Co., Ltd., with a registered capital of 100 million yuan. The Company holds a 65% stake, while the Phosphate Group

Group holds a 35% stake. Meanwhile, in accordance with the guiding principles of the Guizhou Provincial Party Committee and Provincial Government regarding “high-grade ore, refined processing,” the Company’s wholly-owned subsidiary, Guizhou Kaiyang Shuangyang ~~Co., Ltd.~~ (hereinafter referred to as “Shuangyang Phosphate **Mine**”), and the Phosphate Group have jointly established Guizhou Zhonghe Phosphate Mining Co., Ltd., with a registered capital of 100 million yuan, with Shuangyang Phosphate Mine holding a 52% stake and the Phosphate Group holding a 48% stake. The company has applied for the allocation of no less than 87 million metric tons of phosphate ore resources to achieve full self-sufficiency in phosphate ore for yellow phosphorus production and to establish a coupled cycle for titanium dioxide production.

#### 7. Dissolution of a Wholly-Owned Subsidiary

To optimize resource allocation and safeguard investor interests, the Company has decided to dissolve its wholly-owned subsidiary, Huili Vanadium Energy Mining Co., Ltd. (hereinafter referred to as “Huili Vanadium **Energy**”). This dissolution does not constitute a related-party transaction, nor does it constitute a major asset reorganization as defined in the “Measures for the Administration of Major Asset Reorganizations of Listed Companies”. During the reporting period, the Company received a “Notice of Registration” issued by the Huili Municipal Market Supervision Administration, approving the cancellation of Huili Vanadium Energy’s registration; Huili Vanadium Energy has now completed the registration cancellation procedures.

#### 8. Change of Company Name (including stock abbreviation) and Amendment to the “Articles of Association”

On September 23, 2025, and October 13, 2025, respectively, the Company convened the Fourth (Extraordinary) Meeting of the Eighth Board of Directors and the Fifth Extraordinary Shareholders’ Meeting of 2025, at which the “Proposal on the Proposed Change of the Company’s Name and Securities Abbreviation” and the “Proposal on the Amendment of the Articles of Incorporation” were reviewed and approved. The Company’s application to change its corporate name and stock abbreviation has been reviewed by the Shenzhen Stock Exchange with no objections. Furthermore, the Company has completed the registration procedures for the name change and the filing of the “Articles of Association” with the Baiyin Municipal Market Supervision Administration. The Company’s Chinese name has been changed from “**CNNC HUA YUAN TITANIUM DIOXIDE CO., LTD.**” to “**Tinergy Chemical Co., Ltd.**”; the Company’s English name has been changed from “**CNNC HUA YUAN TITANIUM DIOXIDE CO., LTD.**” to “**Tinergy Chemical Co., Ltd.**”; the company’s stock abbreviation will change from “**CNNC TD**” to “**Ti Chem.**” effective October 20, 2025; the company’s stock code “**002145**” remains unchanged.

#### 9. Reappointment of the Accounting Firm

On November 14, 2025, and December 2, 2025, respectively, the Company convened the Sixth (Extraordinary) Meeting of the Eighth Board of Directors and the Sixth Extraordinary General Meeting of Shareholders in 2025, where the “Proposal on the Reappointment of the Accounting Firm” was deliberated and approved, reappointing Lixin Certified Public Accountants (Special General Partnership) (hereinafter referred to as ~~Lixin~~ **Lixin**) as the Company’s audit firm for the 2025 fiscal year. Taking into comprehensive consideration the Company’s business scale, industry sector, the number of auditors required for the audit, and the workload involved,

the Company, in accordance with the principle of fair and reasonable market pricing, negotiated with Lixin and set the audit fee for the 2025 annual financial statements at 1.35 million yuan (including tax) and the internal control audit fee at 200,000 yuan (including tax), representing no significant change from the 2024 fiscal year. The Board of Directors requests that the Shareholders’ Meeting authorize the management to adjust (if necessary) the 2025 annual financial statement and internal control audit fees based on the specific audit workload and prevailing market rates in 2025, to be determined through negotiations between the Company and Lixin.

Chairwoman of Titanium  
Energy Chemical Co., Ltd.:  
Yuan Qiuli April 29, 2026