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上海卓然工程技术股份有限公司关于募集资金 2021 年度存放与使用情况的专项报告

2021 年 9 月 1 日至 2021 年 12 月 31 日

(本专项报告除特别注明外，均以人民币元列示)

四、变更募集资金投资项目的资金使用情况

2021 年度公司未变更募集资金项目的资金使用

五、募集资金使用及披露中存在的问题

2021 年公司已按照中国证监会发布的《上市公司监管指引第 2 号——上市公司募集资金管理和使用的监管要求》（2022 年 1 月修订）（证监会公告[2022]15 号）、《上海证券交易所科创板股票上市规则》（2020 年 12 月修订）及《上海证券交易所科创板上市公司自律监管指引第 1 号——规范运作》等有关规定，及时、真实、准确、完整地披露

募集资金的使用及存放情况。上市公司履行了披露义务，募集资金使用及存放情况符合相关规定。

上海卓然工程技术股份有限公司
董事会
二〇二一 年十二月二十七日

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that this is crucial for ensuring transparency and accountability in the organization's operations.

2. The second part of the document outlines the specific procedures and protocols that must be followed when conducting these activities. It details the steps involved in data collection, analysis, and reporting, ensuring that all personnel are aware of their responsibilities and the standards required for quality control.

3. The third part of the document addresses the challenges and risks associated with this process. It identifies potential areas of weakness and provides strategies to mitigate these risks, such as implementing robust security measures and conducting regular audits to verify the integrity of the data.

4. The final part of the document concludes with a call to action, urging all staff members to adhere strictly to the outlined procedures and to maintain a high level of professionalism and integrity in their work.

5. The following section provides a detailed overview of the organizational structure and the roles of various departments. It highlights the collaborative nature of the organization and the importance of cross-functional communication in achieving our shared goals.

6. The next section discusses the financial performance of the organization over the past year. It provides a comprehensive analysis of our revenue streams, expenses, and overall profitability, along with a comparison to industry benchmarks to provide context for our performance.

7. The subsequent section focuses on our human resources strategy and the initiatives implemented to attract, develop, and retain top talent. It details our recruitment efforts, training programs, and performance management systems, all designed to foster a culture of innovation and excellence.

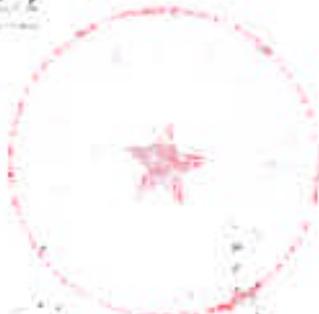
8. The final section of the document provides a summary of our key achievements and a forward-looking perspective. It expresses our confidence in our ability to continue to grow and thrive in the coming year, driven by our commitment to innovation, customer satisfaction, and operational efficiency.

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THE UNIVERSITY OF CHICAGO
PHYSICS DEPARTMENT
PHYSICS 439: QUANTUM FIELD THEORY
LECTURE 10: SPINORS
PROFESSOR: JOHN PRESTON
DATE: 10/15/2024

1. Introduction to Spinors
2. Dirac Equation
3. Lorentz Transformations
4. Spinors and the Dirac Equation
5. Helicity and Chirality
6. Massless Spinors
7. Massive Spinors
8. Spinors and the Dirac Equation
9. Summary

10.1 Introduction to Spinors
Spinors are mathematical objects that transform under the double cover of the Lorentz group, $Spin(3,1)$. They are essential for describing particles with spin, particularly fermions. The Dirac equation, which describes relativistic fermions, is formulated in terms of spinors. The Dirac equation is a first-order partial differential equation that combines the principles of special relativity and quantum mechanics. It is given by $(i\not{\partial} - m)\psi = 0$, where $\not{\partial} = \gamma^\mu \partial_\mu$ and ψ is a Dirac spinor. The Dirac equation is a relativistic wave equation that describes the dynamics of a spin-1/2 particle. It is a first-order equation in both space and time, which is a significant departure from the second-order Klein-Gordon equation. The Dirac equation is a relativistic wave equation that describes the dynamics of a spin-1/2 particle. It is a first-order equation in both space and time, which is a significant departure from the second-order Klein-Gordon equation. The Dirac equation is a relativistic wave equation that describes the dynamics of a spin-1/2 particle. It is a first-order equation in both space and time, which is a significant departure from the second-order Klein-Gordon equation.