

# Yeong Guan Energy Technology Group

# **Corporate Sustainability Report 2021**

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# **About this Report**

This Report is the first Corporate Sustainability Report issued by Yeong Guan Energy Technology Group Co., Ltd. This Report reveals the management and current situation of the Company's sustainable development in corporate governance, economy, environment and society in 2021 with six major themes: "sustainable management", "governance with integrity", "sustainable operations", "environmental protection", "friendly workplace" and "prosperous society", and compiles relevant data for detailed description. In this Report, Yeong Guan Energy Technology Group Co., Ltd. will be denoted by abbreviations of "Yeong Guan Energy, this Company and We (Us)", and other acronyms or explanatory nouns of key words used in this Report will be denoted and explained. This report will identify the major themes concerned by stakeholders and decide the priority through the mode of systematic analysis, as reference for information disclosure in this Report. It is highly expected that through the publication of this Report, the general public and other stakeholders will understand the Company's determination to keep fulfilling his social responsibilities and pursue sustainable development, and share the fruit of sustainable operation.

## **Editing and Publishing**

Yeong Guan Energy collates information and edits this Report through the following organizations and procedures:

#### EHS Sustainable Development Division of the Board of Directors

In order to promote corporate social responsibility, Yeong Guan Energy Technology Group revised the Code of Practice on Corporate Social Responsibility in March 2020, and the EHS Sustainable Development Division of the Board of Directors is continually responsible for promoting the operation of corporate social responsibility.

#### **Review and Finalization of Administrative Procedures**

After editing the first draft of this Report, all editors will review and revise the relevant content and data, and upon review by the head of each responsible department, verifiers will conduct internal verification, submit a report to the Board of Directors, and issue the report once approved by the Chairperson of the Board of Directors.

### The basis and guarantee of the Report

This Report covers the global operating systems and activities of Yeong Guan Energy from January 1, 2021 to December 31, 2021, including the operating performance of related group enterprises at home and abroad. The above are the scope and theme boundaries of the report. In addition, taking into account the significance disclosure principle of GRI, the environment-oriented information mainly focuses on the related performance of existing GHG emissions. Some content also covers examples before 2021 and some future policies, objectives and plans are also published.

This Report responds to chapters according to the identification result of this major theme, and

reveals information of 2021.

### **Professional Guidelines and Principles**

The content structure of this Report is compiled following the GRI (Global Reporting Initiative) Standards: Core and AA1000 Account Ability Principles Standard, and by reference to the guidelines and frameworks listed in Taiwan Stock Exchange's Operational Measures for Public Companies to Prepare and Declare Corporate Social Responsibility Report and the United Nations' Sustainable Development Goals (SDGs), etc., and to disclose relevant strategies, goals and specific actions of Yeong Guan Energy's major themes in accordance with the reporting principles.

GRI content and SDGs content indexes are detailed in Appendix 1.

## **Data Source and Management**

The statistical data disclosed in this Report are from the result of Yeong Guan Energy's own statistics and investigations, and are presented by international common indicators. Estimations, if any, will be indicated in relevant chapters. Financial statements of the Company are prepared in accordance with International Financial Reporting Standards(IFRS), audited and confirmed by Deloitte Touche Tohmatsu International, and figures in the financial statements are expressed in NT dollars; the management system of environment, safety and health is subject to regular internal audit, and each subsidiary has been accredited with valid ISO 14001 Certificate of Environmental Management, and also audited internally and externally under ISO 45001 Occupational Health and Safety Management System and ISO 50001 Energy Management System.

## **Time and Contact Information for Publication of the Report**

Yeong Guan Energy will regularly issue the Corporate Sustainability Report every year in the future and disclose the Report in the CSR Zone of official website. Current Version Released: in August 2022

## **Contact Information**

It is highly expected that through this Report, stakeholders will have a better understanding of Yeong Guan Energy's effort to promote the sustainability of the Enterprise. If you have any suggestions and comments on Yeong Guan Energy's Corporate Sustainability Report 2021, Welcome to contact us by the following means:

Investors Relations/Email: ir@ygget.com

Yeong Guan Energy's Enterprise Official Website Stakeholder's Contact Information: http://www.ygget.com/contactus/tw.aspx



## **To Our Stakeholders**

Looking back at the major global market economic situation in 2021, after the rapid vaccination of COVID-19 vaccine in European and American countries, city lockdown no longer appear frequently, and the rapid increase in demand from the bottom also drives the demand of Yeong Guan export customers. In Chinese mainland, in the first half of 2021, due to the influence of high base in 2021, China's economic growth rate rose sharply to 18.3% and 7.9% in the first and second quarters, and offshore wind power in mainland China also ushered in the trend of rushing to install turbines. However, due to the rebound of the epidemic in the third quarter and the converging attack of policy on duel control over intensity and mass quantity of energy consumption, Mainland enterprises have frequently reported work stoppage and production suspension one after another, in addition, there are frequent defaults in real estate, rising regulatory risks in the industry, and the demand for investment and private consumption has not returned to the pre-epidemic level. However, there are external disturbances such as the continuous disputes between the USA and China, and the sharp expansion of overseas immigration cases in the fourth quarter, which drag down the pace of economic recovery and slow down the demand for injection molding and industrial machinery in mainland China. Despite many difficulties, such as tight international shipping volume and rising prices of raw materials and auxiliary materials, Yeong Guan Group has achieved the highest revenue and good continuation of shipment since its IPO through the unremitting efforts of all colleagues. Yeong Guan group will continue to pursue constructive changes in the future and focus on improving profitability pragmatically; through the flexible restructuring of production line, in response to the changes in product requirement in the global market, the business portfolio strategy is strengthened, with a view to taking into account both short-term and long-term benefits, and continuing to move towards the vision of casting the world's crown and creating a sustainable industry.

Yeong Guan is the leading supplier of castings for major manufacturers of wind turbines and injection molding machines in the world, with state-of-art process technology, good command of high-tech metallurgical engineering technology, excellent product quality and stable lead time, so it is highly valued and relied upon by customers. The core competitiveness of the Group lies in the production scale ahead of her peers, in-depth details of casting process, and vertical integration capability.

#### Group Development Strategy

#### (I) Short-term goal (1~2 years):

In 2022, based on the global economic situation, changes in industrial operating environment, market supply and demand and competition, industrial development progress of new and old customers in the world, and our own production capacity, the Group's product shipment target in 2022 ranges from 195,000 to 200,000 tons.

In view of the new round of growth trend of global offshore wind power construction, our Taichung Port Base will be the target of the key development plan of the Group, in addition to production of large-scale offshore wind power equipment, the production capacity of castings for injection molding machinery and industrial machinery will also be increased. Construction of Taichung Port Base has been commenced according to the original planned schedule and is expected to be put into production in the second half of 2022. Furthermore, in order to open up new markets and grasp the recent preferential investment policies promulgated by the Thai Government, the Thai Production Base will be programmed and planned, and construction will be commenced in the second half of 2022 and is estimated to take about 2 years.

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#### (II) Medium-term Goal (3~5 years):

Production bases in Taichung Port and Thailand, once completed and put into production, will gradually enter the stage of stable mass production. The global market demand for offshore wind power will grow year by year. The Group will strive to gradually improve the production capacity and efficiency of Taichung Port Base, reduce production cost and maximize the opportunity of exuberant demand for her offshore wind power components. The capacity of Thailand Base will be expanded in response to changes in the international market and customer needs. Emerging countries in Southeast Asia are advantageous in abundant young and middle-aged population, cheap wages and important strategic position. In addition, after the China-US trade friction and COVID-19 epidemic broke out last year, the Group's customers in Europe, USA and Japan have obvious willingness to expand their supply chains and reduce risks, which is also an excellent opportunity for Yeong Guan to provide global services to customers and make the Group's capacity grow steadily for a long time.

#### (III) Long-term Goal (5~10 years):

In order to enhance the competitiveness of the Group and fulfill our corporate social responsibility to achieve the goal of sustainability, our priorities for the future are planned as follows:

1. ESG (Environmental, Social and Governance):

In recent years, socially responsible investment is an agenda increasingly concerned and flourish development in the investment field. Nowadays, investors, when making investment decisions, have to consider both the financial situation (such as growth) of a company and commitment to Environment, Social and Governance. Facing *the Blueprint for Sustainable Development of Corporate Governance 3.0* planned by Financial Supervisory Commission(Taiwan), the Group is actively promoting diversification of board members, enhancing functions and risk management of the Directors, focusing on the impact of GHG and carbon emissions on the environment, and revealing quantitative information such as carbon emissions, water consumption and waste, and the Group is also committed to improving the utilization efficiency of all resources; in terms of social agenda, by exposing occupational safety, occupational disaster statistics, workplace diversity and gender equality, the Group has quantified the content of social agenda for actively investing in safeguarding human rights and employee care, so as to strengthen the disclosure of ESG information and practice the sustainable development of the enterprise.

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2. Promote the innovation of green production mode:

The Group will continue to replace equipment in noise, dust, atmosphere, water treatment system, lighting, waste heat recovery and electric furnace, digital management and renewable energy use, and continue to promote green Facility, advance towards the goal of energy conservation and carbon reduction, and become an environment-friendly company.

3. Promote Lean Production Management:

Lean Manufacturing: with consideration of system structure, personnel organization, operation mode and market supply and demand, we make the production system quickly adapt to the rapid changes of users' needs, downsizes and streamlines all things useless and redundant in the production process, and strengthens the production management mode of the Group.

4. Promote Talent Training and Inheritance Plan:

In order to effectively train key managerial staff at all levels to have the ability to actively solve problems. The Group formulates a professional training plan, and arranges the training content according to personal characteristics and job attributes, focusing on cultivating and reserving outstanding management and technical talents, so as to lay a more stable foundation for the Group's permanent development.

In the future, the Group will make plans according to the business policy, keep optimizing the organizational business model, understand customer needs and focus on customer value, upgrade organizational team management and production capacity, and implement ESG principles in good corporate governance. For the purpose of sustainability, we make a good faith effort to shoulder CSR (Corporate Social Responsibility) and keep creating greater value.

Wish You Good health and Good Luck!

Yeong Guan Energy Technology Group

Chairperson:

May 9, 2021

Yeong Guan Energy Technology Group

# Sustainable Managemen

- 1-1 Organizational Structure
- 1-2 Stakeholders Communication
- 1-3 Major Themes

# **1-1 Corporate Structure**



# **1-2 Stakeholders Communication**

The identification and communication of stakeholders are the basis for implementing corporate social responsibility. Yeong Guan Energy respects the interests of stakeholders, understands their reasonable expectations and needs through appropriate communication, and takes the needs of stakeholders, their expectations and appropriate responses to the Company as a reference for our corporate decision-making, expecting to create and share the result of sustainable development with all stakeholders.

#### **Identification of stakeholders**

On the five principles of AA1000 Stakeholder Engagement Standards (SES), according to the characteristics of dependence, responsibility, influence, multiple viewpoints and attention tension, main stakeholders of Yeong Guan Energy are identified as follows: customers, employees, suppliers, shareholders, government agencies, contractors, subsidiaries, communities, trade unions, nine categories in total.

#### **Communication with Stakeholders**

Yeong Guan Energy attaches great importance to the rights and opinions of stakeholders and has an open and direct communication channel with stakeholders, which not only provides relevant information on the Company's corporate social responsibility management, but also understands the agenda of concern to stakeholders, and continuously reviews and improves her performance in corporate social responsibility.

Stakeholder	Importance to	Communication	Communication Channel
	Yeong Guan	Agendas	
Customer	Meet customer needs to improve the Company's quality, service and R&D capabilities and create a win-win situation	<ul> <li>Customer Satisfaction</li> <li>Legal Compliance</li> <li>Customer Privacy</li> <li>Innovation and R&amp;D</li> </ul>	<ul> <li>CSR Themed Questionnaire</li> <li>Official Website Zone for Stakeholders</li> <li>Direct Communication</li> <li>External Communication Mailbox</li> </ul>
Staff	Employees are the most important assets of Yeong Guan, the driving force of innovation and the cornerstone of sustainability	<ul> <li>Occupational Health &amp; Safety</li> <li>Industrial Relations</li> <li>Education and training</li> <li>Remuneration and benefit</li> <li>Sustainable development of the Company</li> </ul>	<ul> <li>Questionnaire on Agendas of Significance</li> <li>Official Website Zone for Stakeholders</li> <li>Labor-Management Conference</li> <li>Internal communication mailbox</li> <li>Occupational Safety and Health Committee</li> <li>Internal Publications</li> <li>Staff Welfare Committee</li> <li>Corporate Trade Union</li> <li>Safety Care and Advocacy in Facilities</li> <li>Labor Safety Education and Training in Facilities</li> <li>Meetings of each Department</li> <li>Facility Meeting</li> </ul>

The following table sorts out the importance of seven categories of stakeholders to Yeong Guan:

Supplier	Suppliers are important partners for Yeong Guan operation, and they pursue sustainable corporate operation and growth together with us through close cooperation.	<ul> <li>Procurement Policy</li> <li>Sustainable development of the Company</li> </ul>	Official Website Zone for
Shareholders	Yeong Guan, adhering to integrity management, is committed to sustainable governance, improving business performance and creating value for shareholders	<ul> <li>Management in Good Faith</li> <li>Economic Performance</li> <li>Corporate Governance</li> <li>Sustainable development of the Company</li> <li>Risk Management</li> </ul>	<ul> <li>Questionnaire on Agendas of Significance</li> <li>General Meeting</li> <li>Annual Report/Financial Report</li> <li>Official Website Zone for Investors Service</li> <li>External Communication Mailbox</li> <li>Legal Person Briefing</li> </ul>
Governmental Authorities	The government is the former and maker of sustainability-related policies, and it is also an important driving force to support and influence companies to move towards sustainability.	<ul> <li>Management in Good Faith</li> <li>Legal Compliance</li> <li>Environment Protection</li> <li>Public Safety</li> </ul>	<ul> <li>Questionnaire on Agendas of Significance</li> <li>Official Documentation Exchange</li> <li>Legislation briefing, public hearing or symposium</li> </ul>
Contractor	The operational objectives are to be achieved under the trend of professional division of labor through the cooperation and assistance of contractors.	<ul> <li>Occupational Health &amp; Safety</li> <li>Education and training</li> <li>Sustainable development of the Company</li> <li>Legal Compliance</li> <li>Environment Protection</li> </ul>	<ul> <li>Questionnaire on Agendas of Significance</li> <li>Official Website Zone for Stakeholders</li> <li>External Communication Mailbox Symposium/Education Training</li> <li>Direct Communication</li> <li>Occupational Safety and Health Committee</li> </ul>
Communities	Through community participation and care, we can better understand the agenda of concern to communities and build a harmonious relationship	<ul> <li>Community participation</li> <li>Waste</li> <li>Community impact</li> <li>Community development</li> <li>Social Benefit</li> </ul>	<ul> <li>Questionnaire on Agendas of Significance</li> <li>External Communication Mailbox</li> <li>Township and community visit</li> <li>Direct Communication</li> </ul>

#### Stakeholder consultation and complaint channel

Yeong Guan Group pursues sustainable development and establishes transparent and effective multi-directional communication channels with all stakeholders of the Company, with a view to achieving a good partnership with them through perfect communication.

	Contact	Email
	Person	
Customer services	Yuan Ting	daisy@ygget.com
Supplier services	Chung Ming-kun	kun@ygget.com
Staff services	Wang Xian-guang	jackwang@ygget.com
Investors Relations	Tsai Cheng-Chih	ir@ygget.com

Note 1: in the end of 2021, the contact window of employee service was changed to Zhang Xiong.

# **1-3 Major Themes**

In 2020, Yeong Guan Energy, following GRI and AA 1000 Standards, constructed a major theme analysis process and compiled 21 sustainability agendas related to Yeong Guan Energy, and investigated the attention and impact of each sustainability agenda respectively by reference to industrial trends, focusing on sustainability agendas and global peer benchmarks. The purpose of survey on attention is to understand the attention degree of internal and external stakeholders of Yeong Guan Energy to 21 sustainability agendas. We take nine categories of stakeholders established during stakeholder analysis as the subject of survey and issue questionnaires for quantitative analysis. The purpose of survey on impact is to judge the impact potential of 21 sustainability agendas on the overall economy, environment, society and operation, and to summarize the results of survey and analysis on agendas of concern and impact. We have obtained the ranking of 21 sustainability agendas in significance and identify major agendas in 2021. Based on the results of this analysis, through the discussion with each department, the objects and boundaries within and outside the organization of each aspect are defined, and thirteen major themes are corresponded as the main field to be disclosed in this Report to respond to stakeholders.

#### Steps for Analysis on Agenda of Significance of the Enterprise



### Thematic Significance Analysis

	Sorting of major themes	GRI	SABA*	Chapters of response to major agendas
1	Occupational Safety and	GRI403	✓ Employee Health and	5-3
	Health (S)		Safety	
2	Employee Benefits and	GRI401		5-2
	Salaries (S)			
3	Industrial Relations (S)	GRI401		5-2
4	Recruitment and Retention of	GRI404		5-2
	Talented People (S)			
5	Career Development and	GRI404		5-2
	Education Training (S)			
6	Human Rights Defense (S)	GRI412		5-1
7	Risk Management (G)	GRI102		3-3
8	Customer Service Management (G)	GRI416 GRI418		3-3
9	Supply Chain Management (G)	GRI308 GRI414	✓ Supply Chain Management	3-3
10	Information/Network	GRI418		3-4
	Security (G)			
11	Air Pollutant Management	GRI305	✓ GHG Emissions	4-1
	(E)			
12	Equality and Pluralism in	GRI405		5-1
	Workplace (S)			
13	Energy Management (E)	GRI302	✓ Energy Management	4-1

Remarks: Refer to the comparison of recommended items to be disclosed and major agendas of the industry stipulated in SASB.



# 2 Governance with Integrity

- 2-1 Company Overview
- 2-2 Corporate Governance
- 2-3 Operating with Integrity



# 2-1 Company Overview

Yeong Guan Energy is a leading supplier of castings for major manufacturers of wind turbines, injection molding machines, machine tools, industrial machinery and the equipment in the world. Our group companies have state-of-art process technology, mastered high-tech casting and engineering technology, and provided customers with excellent quality products with stable delivery time, so we are highly valued and trusted by customers. The core competitiveness of the Company lies in the production scale ahead of our peers, in-depth and detailed casting process, and the ability of vertical integration; and we are committed to pursuing growth of revenue and profit superior to our peers and the entire industry.

Yeong Guan Energy, since accession to Chinese mainland for investment in 1994, has actively cooperated with the government's transformation and upgrading policy, kept optimizing production technology and updated production equipment, and changed from manufacturing of simplest product to the most state-of-art product, and then entered the field of [state-of-art equipment manufacturing service].

At the same time of transformation and development, we pay more attention to the balanced development of safety, environment protection, occupational health and social welfare of employees (all subsidiaries under the Group have been accredited with ISO9001:2015, ISO14001:2015, ISO45001:2018, ISO50001:2018 and the related standard certifications). In the future, we will continue to promote and establish a sustainable development system with our upstream and downstream businesses, customers and employees, focusing on EHS as the core of our operation.

Yeong Guan Energ	Yeong Guan Energy Technology Group Co., Ltd.			
Equity Status/Market	Electric Motor			
Identity				
Industry Identity	Mainly engaged in manufacture and sale of state-of-art casting products of spheroidal graphite cast iron/gray cast iron			
Primary Business	Hubs, pedestals, gearboxes of wind turbines, gas intake and exhaust cylinder housings of thermal power generating units, special parts for injection molding machines/die casting machines, special castings related to machine tools and industrial machinery.			
Incorporated on	January 22, 2008			
Paid-in Capital	1,106,175,190			
Chairperson/General	Chang Hsien-Ming			
Manager				
Enterprise Head	4/F, No. 93 Xinhu 1st Road, Neihu District, Taipei			
Office				

# **Important Subsidiaries (Operation Bases)**



Important Subsidiaries (Operation Bases)	Address	Telephone
Ningbo Yeong Shang Casting Iron Co., Ltd.	No. 95 Huanghai Road, Beilun District, Beilun District, Ningbo, Zhejiang, China	+86-574-8622-8866
Ningbo Lulin Machinery Casting Co., Ltd.	No. 28 Dinghai Road, Zhenhai District Economic Development Zone, Ningbo, Zhejiang, China	+86-574-8627-5777
Yeong Chen Asia Pacific Co., Ltd.	No. 502, Section 1, Chenggong Road, Guanyin District, Taoyuan City, Taiwan	+886-3-483-9216
Jiangsu Bright Steel Fine Machinery Co., Ltd.	No. 9 Yuepeng Road, Tianmu Lake Industrial Park, Liyang City, Jiangsu, China	+86-519-8089-5588
Dongguan Yeong Guan Foundry Co., LTD.	Yinquan Industrial Zone, Qingxi Town, Dongguan City, Guangdong, China	+86-769-8773-9480
Shanghai No. 1 Machine Tool Foundry (Suzhou) Co., Ltd.	No. 999 Laixiu Road, Fenhu High-tech Industrial Development Zone, Suzhou City, Jiangsu, China	+86-512-8287-0666

## **Exchange and Cooperation**

Yeong Guan actively participates in professional, industrial and commercial economic and the like domestic and foreign industrial associations (societies) and the like organizations to establish exchanges and cooperation relations.

SN	Company	Name of Association		
1	Yeong Chen Asia Pacific	Taiwan Wind Power Industry Association		
2	Yeong Chen Asia Pacific	Taiwan Foundry Society		
3	Yeong Chen Asia Pacific	Taiwan Foundry Industry Association		
4	Ningbo Lulin	Zhenhai District (Petrochemical) Safety Production		
		Association, Ningbo		
5	Ningbo Lulin	Ningbo Foundry Industry Association		
6	Shanghai No. 1 Foundry	Shanghai Foundry Industry Association		
7	Shanghai No. 1 Foundry	Suzhou Foundry Association		
8	Shanghai No. 1 Foundry	Jiangsu Foundry Association		
9	Jiangsu Bright Steel	China Foundry Association		
10	Jiangsu Bright Steel	Jiangsu Foundry Association		
11	Jiangsu Bright Steel	Changzhou Foundry Association		
12	Jiangsu Bright Steel	Liyang Foundry Association		
13	Jiangsu Bright Steel	Changzhou Special Equipment Safety Association		
14	Jiangsu Bright Steel	Changzhou Environmental Resources Protection Public		
		Service Association		
15	Ningbo Yeong Shang	China Foundry Association Wind Power Casting Branch		
16	Ningbo Yeong Shang	Beilun District Environmental Protection Federation,		
		Ningbo		
17	Ningbo Yeong Shang	Ningbo Foundry Industry Association		
18	Ningbo Yeong Shang	Zhejiang Foundry Association		
19	Ningbo Yeong Shang	Beilun District Safety Production Association		
20	Ningbo Yeong Shang	Beilun District Environmental Protection Federation		
21	Dongguan Yeong Guan	China Foundry Association		
22	Dongguan Yeong Guan	Guangdong Foundry Association		

# 2-2 Corporate Governance



The Board of Directors of the Company consists of eleven directors, three of whom are independent directors. The members of the Board are listed as follows:

Title	Name	Gender	Nationality	Experience
CHAIRPERSON	Chang Hsien-Ming	Male	R.O.C. (Taiwan)	Chairperson of Yeong Guan Energy Technology Group Co., Ltd.
Director	Tsai Shu-Ken	Male	R.O.C. (Taiwan)	Vice Chairperson of Yeong Guan Energy Technology Group Co., Ltd.
Director	Hsu Qing-Xiong	Male	R.O.C. (Taiwan)	Executive Deputy General Manager of Yeong Guan Energy Technology Group Co., Ltd.
Director	Huang Wenhong (Note 1)	Male	R.O.C. (Taiwan)	Executive Deputy General Manager of Yeong Guan Energy Technology Group Co., Ltd.
Director	Tsai Chang-Hung	Male	R.O.C. (Taiwan)	Chairperson of East China Region of Yeong Guan Energy Technology Group Co., Ltd.
Director	Lee Yi-Tsang	Male	R.O.C. (Taiwan)	Chief Strategy Officer of Yeong Guan Energy Technology Group Co., Ltd.
Director	Chang Chun-Chi	Male	R.O.C. (Taiwan)	General Manager of Shanghai Machine Tool No.1 Foundry (Suzhou) Co., Ltd.
Director	appointee of Baojia Asset Management Co., Ltd.: Wu Suqiu	Female	R.O.C. (Taiwan)	General Manager of Jiayuan Investment Co., Ltd.
Independent Director	Chang Cheng-long (Note 2)	Male	R.O.C. (Taiwan)	
Independent Director	Wei Chia-Ming	Male	R.O.C. (Taiwan)	Deputy CEO, Metal Industry R&D Center
Independent Director	Chen Tian-Wen	Male	R.O.C. (Taiwan)	Chairperson of Harvest Construction Co., Ltd.
Independent Director	Chang Te-Wen	Male	R.O.C. (Taiwan)	Director-General of Youshi Certified Public Accountants

Note 1: Director Huang Wenhong resigned on March 10, 2022.

Note 2: Passed away on April 1, 2021.

#### Audit Committee

The Audit Committee assisted the Board of Directors in overseeing the Company's procedures and quality with regard to accounting, financial reporting and compliance with laws and regulations. Proceedings considered by the Audit Committee include financial statements, internal control systems, material asset or derivative transactions, major capital lending and endorsement or guarantee, offering or issuance of securities, appointment, dismissal or remuneration of certified accountants, and appointment and removal of financial, accounting or internal audit supervisor.

In accordance with laws of Taiwan, China, members of the audit committee shall be composed of all independent directors. The Audit Committee of the Company is composed of 3 independent directors, even though by-election due to the death of Independent Director Chang Cheng-long. The Audit Committee of the Company complies with provisions of the above Act. The Audit Committee is scheduled to hold at least one executive meeting each quarter and held 5 meetings in 2021. Please refer to the annual reports of the Company for details of meetings of the Committee and the attendance of each member.

#### **Remuneration Committee**

The Remuneration Committee shall assist the Board in implementation and evaluation of remuneration policies and systems applicable to the Company's directors and managers.

The Remuneration Committee of the Company consists of three independent directors. The Remuneration Committee is scheduled to hold at least 2 executive meetings each year and held 2 meetings in 2021. Please refer to the annual reports of the Company for details of meetings of the Committee and the attendance of each member.

#### Communication between independent directors and internal audit supervisor and accountants (e.g. proceedings, methods and results of communication on the financial and business conditions of the Company, etc.):

1. The internal audit supervisor of the Company will mail the audit report according to the audit plan by mail every month to members of the Audit Committee to communicate the results of the audit report and report the content of the quarterly audit report at the quarterly board meeting; and attend the Board of Directors and each audit committee, and report to each auditor in real time under any special circumstances. There were no special circumstances in 2020. The Audit Committee of the Company has good communication with the internal audit supervisor.

Date of the Audit Committee Meeting	Communication with CPA	Result of Commun ication
March 16, 2021	The CAP explained the key points of the 2020 financial report and key issues, discussed and communicated questions raised by the participants.	No Objection

2. CPAs need to attend the Audit Committee meeting according to the content of each meeting and report to the Audit Committee real time under any special circumstances. There were no special circumstances in 2020. The Audit Committee of the Company has good communication with CPAs.

#### **Committee Members**

Name		Remuneration Committee Meeting
Chang Te-Wen (Independent Director)	√ (Chairperson)	√(Chairperson)
Wei Chia-Ming (Independent Director)	$\checkmark$	✓
Chen Tian-Wen (Independent Director)	$\checkmark$	1
Chang Cheng-long (Independent Director) (Note 1)	$\checkmark$	<ul> <li>✓</li> </ul>

Note 1: Independent Director Chang Cheng-long passed away on April 1, 2021.

# **2-3** Operating with Integrity

*The Rules of Procedure of the Board of Directors* of the Company stipulate that when a director's own interest is involved, voluntary recusal is required; if it is suspected of harm to the interest of the Company, he/she shall not join the discussion and voting concerned, and shall not exercise voting powers on behalf of other directors. All directors of the Company uphold a high degree of self-discipline, and if any motion involves their own interest, they uphold the principle of avoidance of interest. Please refer to the Annual Report of 2021's General Meeting for positions held by members of the Board of Directors of the Company in any other related enterprise.

#### **Internal Audit**

In order to assist the Directors and Managers in examining and reviewing the effectiveness of internal control systems and measuring the effectiveness and efficiency of operations, the Board of Directors of the Company has set up an audit office with an appropriate number of full-time internal auditors. The internal audit supervisor provides timely improvement suggestions and management assistance to ensure the continuous and effective implementation of the internal control system. The appointment, dismissal, evaluation and remuneration of internal auditors shall be submitted by the audit supervisor to the Chairperson for approval. The measures for appointment, dismissal, evaluation and salary of internal auditors were announced on May 6, 2021.

#### **Organization and Operation of Internal Audit**

- Reporting Line: Board of Directors
- Staffing Status: 1 internal audit supervisor and 2 internal auditors.
- Brief Introduction to the Work
  - 1. Perform routine or project audit specific to the Company's internal control to ensure effective implementation of the Company's internal control.
  - **2**. Perform routine or project audit specific to internal control of all subsidiaries to ensure effective implementation of the Company's internal control.
  - 3. Consolidate audit deficiencies and make an audit report, continuously track the improvement of deficiencies, and submit them to relevant chiefs and independent directors for review.
  - 4. Regularly report to the Board of Directors all major deficiencies of each BU within the Group and compliance with internal control.

# 3 Sustainable Operations

3-1 Operation Results3-2 Product & Services3-3 Risk Management3-4 Information Security



# **3-1** Operation Results

#### (I) Main Content of Primary Business

The Company is primarily engaged in manufacture and sale of spheroidal graphite cast iron and gray cast iron casting product, covering the hub base and gearbox parts and accessories of wind turbine, inlet and outlet cylinder shells of thermal power generating units, parts of injection molding machines (die casting machines), castings of machine tools and the like industrial machinery (air compressors, printing machines, punches, marine machinery, etc.). The Company has an annual foundry capacity of nearly 210,000 tons, and is committed to providing customers with one-stop vertical and horizontal-integrated procurement services, providing customers with foundry casting, spraying and assembling or the like services.

#### (2) Output

#### Production Value in the Past 2 Years

Unit: ton; NTD 1,000

Year		2020		2021		
Production Value	Capacity	Output	Value	Capacity	Output	Value
Production Category		_			_	
Foundry Product	210,100	188,985	4,912,563	211,300	202,112	6,145,927
Precision Machined Product (Note 1)	417,240	344,725	575,511	462,768	345,517	609,033
	(hour)	(hour)		(hour)	(hour)	
Block Steel Scrap Product	42,000	27,130	295,139	42,000	31,076	467,462
Miscellaneous	Note 2	Note 2	393,516	Note 2	Note 2	460,522

Note 1: Processing capacity and production unit are calculated in hours.

Note 2: For any other product including welding and assembling, depending on the customer's ordered type, appropriate manpower will be dispatched for processing; and due to different types of services provided and inconsistent units of measurement, their production capacity and output have no comparability.

Note 3: Due to inconsistency between product units of measurement, it is impossible to add up annual outputs.

#### **Reasons for Increase or Decrease:**

- 1. The output of foundry product increased in 2021, mainly due to the rapid growth of injection molding machines and industrial machinery in 2021, and by 80% compared with that in 2020.
- 2. The output quantity and value of machined product in 2021 are basically the same, mainly because the market demand of wind power in 2021 is not as expected.
- 3. The output of scrap steel block increased year on year and the output quantity and value increased accordingly due to the increase in scrap steel demand of subsidiaries under the Group.

#### **(III) Financial Performance**

Unit: NTD; 1000 Share

Item		Annual	2020	2021	As at March 31, 2022
	Highest		110.50	92.70	69.20
Market Value	Lowest		48.20	60.21	61.90
Per Share	Average		75.35	71.86	64.30
Net Worth	Before distribution		77.81	78.73	79.60
Per Share	After distribution		76.31	78.13	_
Earnings Per Share	weighted average number of shares		106,683	110,618	110,618
	Earnings per Share		4.81	1.95	1.75
Dividenderer	Cash Dividend		1.5	0.6	-
Dividend per Share	Stock Grants	Stock Dividend from Retained Earnings	_	-	_
		Capital Reserve Allotment	-	_	-
	Accumulated Dividends Payable		None	None	_
Analysis on	Price-to- Earnings Ratio (Note 1)		15.67	36.85	-
Return on Investment	Price-to- Dividend Yield (Note 2)		50.23	119.77	_
	Cash Dividend Yield (Note 3)		2.0%	0.8%	_

Note 1: Price-Earnings Ratio = average closing price per share/earnings per share for the current year.

Note 2: Price-to-Dividend Yield = average closing price per share/cash dividend per share for the current year.

Note 3: Cash Dividend Yield = cash dividend per share/average closing price per share for the year.

Note 4: The resolution of surplus and loss coverage for 2021 was approved by the Board of Directors of the Company on March 16, 2022, and it is scheduled to be submitted to the General Meeting for recognition on June 17, 2022.

#### (IV) Sales Volume

#### Sales Volume and Value in the Past 2 Years

Unit: ton; NTD 1,000 2020 Year Export Domestic Domestic sales volume and value sale sale sale of main products Value Value Qty. Value Qty. Qty. Qty. Renewable energy 80,727 3,733,553 35,648 1,829,398 2,697,174 30,640 53,877 castings 15,420 544,423 16,428 600,211 1,113,546 30,588 Injection molding 29,668 machine castings 22,501 41,407 Castings of 1,159,096 5,808 317,592 1,979,564 8,632 industrial machinery 2,747,201 124,952 Total 118,648 5,437,072 57,884 5,790,284 69,860

#### (V) Proportion of Businesses

Unit: NTD 1,000; % 2020 2021 Year Catalogue of Main net revenue proportion of net revenue proportion of Products businesses businesses 67.97% **Renewable energy** 5,562,951 4,250,935 47.50% castings 1,144,634 2,248,995 **Injection molding** 13.98% 25.13% machine castings **Castings of industrial** 18.05% 1,476,688 2,448,281 27.37% machinery 8,184,273 100.00% 8,948,211 100.00% Total

Export

sale

Value

1,553,761

1,135,450

468,716

3,157,927

# **3-2** Products & Services

Yeong Guan is committed to providing excellent and safe products and making every effort to make improvement to achieve annual quality goal and review the applicability of quality policies from the perspective of the customer's requirement to make the customer's satisfied with the quality of our product. To ensure the appropriateness and implementation of the quality management system, maintain the normality of equipment and R&D capabilities, provide accurate and objective inspection results, and ensure the quality of products.

#### Important purpose and production process of main product

Important purpose of main product: provide key parts for various industrial fields such as wind turbines, injection molding machines and the like industrial machinery and equipment

Production process:

(1) Foundry production



#### (1) Welding production





## Yeong Guan Energy Technology Group: Product, Quality Certifications

Facility	Certificate Information					
	Title	;	Full Title			
YGA Yeong Chen Asia Pacific	ISO 9001:2015	_	Quality Control System Certification		n Certification	
	No.	TW99/00056		Period of Validity	1999.4.15-2023.4.15	
	Scope of Accreditation	Manufacture an	Manufacture and processing of iron castings (ductile iron and gray iron)			
	Place of Certification	SGS	SGS			
	Title	2		F	ull Title	
	ABS		American Bureau of Shipping			
	Certificate No.	FDRY-T17061	25	Period of Validity	2017.12.22-2022.12.21	
	Scope of Certification	Marine cast iron castings				
	Issued in	Shanghai, Chin	Shanghai, China			
	Title		Full Title			
	BV			Burea	u Veritas (BV)	
	No.	SMS.W. II ./12	9317/A.0	Period of Validity	2020.12.10-2024.11.25	
	Scope of Accreditation	Gray iron: below 1.5 t; Ductile iron: below 21T				
	Place of Certification	Bureau Veritas	Bureau Veritas Shanghai			
	Title		Full Title			
	CCS		China Classification Society			
YGB	No.	NJ20P1007_02	NJ20P1007_02 Period of Validity 2020.1		2020.12.22-2024.12.21	
Jiangsu	Scope of Accreditation Welded structural parts					
Bright Steel	Place of Certification	China Classification Society-Beijing				
	Title	;	Full Title			
	CCS		China Cl	assification Society		
	No.		NJ20P1007_01 Period of Validity 2020.12.22-20		2020.12.22-2024.12.21	
	Scope of Accreditation	Ductile iron castings/gray iron castings				
	Place of Certification	China Classification Society—Beijing				
	Title	;		Full Title		
	ISO 9001:2015/GB/T 19001-2010	6	Quality Control System Certification		n Certification	
	No.	00120Q34054R1M/320 0		Period of Validity	2020.6.19-2023.7.5	
	Scope of Accreditation	Industrial machinery, precision casting blank manufacturing of key equipment for wind power generation above 1.5MW; grinding and cleaning iron castings; machinery and hardware-related products and casting; Manufacturing and processing of steel structure products and machining of castings				
	Place of Certification	China Quality Certification Center CQC Beijing				

Facility	Certificate Information							
	Title				Full Title			
YGD	ISO 9001:2015	Quality Control System Certification						
Dongguan Voorg	No.	442729 QM1	5	Period of Validity	2018.9.10-2021.9.9			
Yeong Guan			f General Gray Cast Iron in Advanced Ductile Iron Machine					
	Place of Certification	DQS AP Certified DQS Shanghai						
	Title	Full Title						
	ISO 9001:2015/GB/T 19001-202	Quality Control System Certification						
	No.	00120Q3496			2017.6.30-2023.6.29			
	Scope of Accreditation		ng of blank iron castings (ductile iron, gray cast iron and alloy cast iron)					
	Place of Certification		China Quality Certification Center CQC Beijing					
	Title	Full Title						
	ISO 9001:2015/GB/T 19001-202	Quality Control System Certification						
	No.	ISO 9001-00		Period of Validity	2021.2.11-2024.2.10			
YGS	Scope of Accreditation	Design and p	roduction of (alloy, gray, spheroidal graphite) iron castings					
Ningbo Yeong Shang	Place of Certification	Lloyd's Register Quality Assurance LR Shanghai						
	Title		Full Title					
	2014/68/EU	European Union Quality System Certification						
	No.	0343/PEDM/	BJG6017731/	Period of Validity	2019.2.28-2024.2.10			
	Scope of Accreditation	A Production of spheroidal graphite iron castings according to pressure equipment Annex I Section 4.3 ASTM A395/A 395M 60-40-18 Not thicker than 150mm						
			d's Register Quality Assurance LR Shanghai					
YGS	Title		Full Title					
Ningbo	ISO 9001:2015/GB/T 19001-202	16	Quality Control System Certification					
Yeong shang	No. 00120		6R2M/3302	Period of Validity	2014.9.3-2023.9.2			
Processing Department	Scope of Accreditation Production of		f mechanical parts for wind turbine and large precision machine tool					
	Place of Certification China Qu		lity Certification Center CQC Beijing					
YGW	Title	Full Title						
	ISO 9001:2015/GB/T 19001-2016		Quality Control System Certification					
Shangha i	No.	-	30R0M/3302         Period of Validity         2019.9.29-2022.9.28					
No. 1 Machine tool Foundry	Scope of Accreditation Place of Certification	Design and production of (gray and spheroidal graphite) iron castings China Quality Certification Center CQC Beijing						

# **3-3** Risk Management

Advantages and disadvantages of development prospect and countermeasures;

#### (1) Favorable Factors

A. Components that tend to be products with high mechanical properties and have a wide range of product fields

The Company is mainly engaged in manufacture of advanced castings of spheroidal graphite cast iron/gray cast iron and mainly molding by hand. The product orders are customized, so it is necessary for us to pay close attention to customer's need and fluctuation of different industries.

Products are mainly used in plastic injection molding machines, large wind turbines, large precision tool machine, steam turbines for large power plants, large-scale air compressors, medical equipment and the like high mechanical performance product parts, we are committed to break through the balance of product fields across all industries, increase product types and categories, and production technology can be referenced between all products, so that the product technology is more comprehensive.

B. Integrating upstream and downstream industries can effectively reduce production cost and improve supply efficiency.

In order to achieve service breakthrough, in addition to casting, the successful integration in metal secondary processing is also the main competitive niche of YEONGGUAN Energy. The Company has successively established 7 foundries, 2 processing plants, 1 assembly plant and 1 resource recovery plant in Dongguan, Guangdong, Ningbo, Zhejiang, Liyang, Jiangsu, Wujiang, Jiangsu and Taiwan (scrap steel recovery to replace some material to supply). For the present, we have the ability to provide casting, processing, welding, assembling and spraying, and introduce state-of-art processing machine tools synchronized with the international market from Europe, America, Japan and the like countries, and actively develop downstream third-party manufacturers for the Group, in order to provide customers with perfect and high-quality state-of-art casting technology and good and effective solutions. This can not only shorten the lead time for customers, but also meet their need for casting and processing, thus upgrading this industry. With the growth of the Group, the gap between the Group and peers is gradually opened in terms of scale and production capacity, and the dependence of customers will gradually increase, and we continue to invest in increasing the company's capacity plan.

#### C. Have independent marketing ability and international competitiveness.

The Company's business scale is larger than that of ordinary peers and our workmanship is equivalent to that of Europe, and we have the ability to process orders from major international IDMs and our customer structures belong to leading brands in each industry and the customer level is quite excellent, all these shows that our technology and quality are affirmed by international IDMs. Since the operation of international IDMs is relatively stable, Yeong Guan Energy is more stable than peers in operation, so it is more trusted by international IDMs. In addition to customers from existing European and American lines, we are actively striving for Japanese and Taiwan customers and strengthening mutual cooperation. Now Japanese customers have a stable scale, and we regularly visit global customers every year to deepen interaction and understand market trends.

#### D. Attach importance to environmental protection

In line with the environmental protection requirement of international IDMs and in response to the increasingly high requirement of China's environmental protection and emission policies, in order to enforce "Made in China 2025" and promote the relevant requirement of green manufacturing, we respond positively to the call, adhere to the tenet of "green intellectual creation and sustainability", keep optimizing our product R&D and optimizing production process, reduce raw material consumption, greatly increase the added value of product, accelerate the pace of energy-saving technological transformation and environmental protection technological upgrading, realize energy-saving and green development, strengthen the internal management of the Enterprise, give full play to the enthusiasm of mobilizing employees to save energy and reduce consumption, and accelerate construction of interest community for corporate green development with employees.

In the first half of 2019, According to the green manufacturing system construction requirements of Jiangsu Provincial Department of Industry and Information Technology, if basic conditions permit, we carefully collect and sort out relevant materials since incorporation; as required for green manufacturing evaluation system, data have been compiled for third-party CQC to conduct on-site evaluation. On December 2, 2020, Jiangsu Bright Steel Precision Machinery Co., Ltd. was successfully shortlisted as green facilities in Jiangsu (the first batch) in 2020 once recommended by Changzhou Bureau of Industry and Information Technology, and organized expert review, credit inquiry, internal joint review and on-site audit.

#### (2) Unfavorable Factors and Countermeasures

#### A. Exchange Rate Fluctuation

As most of the Group's customers are in Europe, the USA and other places, the export output value of the business is large, and the exchange rate fluctuation has a great impact on the actual revenue. Especially in recent years, the global prosperity has changed greatly, and the natural environment changes have caused constant disasters, which have affected the rapid changes in the prosperity of various countries, especially the exchange rate fluctuation has a great impact on the Group's operations.

#### Countermeasures:

To cope with market exchange rate fluctuations, except for expenses of purchasing and related expenses charged from sales revenue in the same currency, achieve the natural risk avoidance effect and reduce the demand for foreign exchange, in addition to mitigating risk of exchange gains and losses arising from exchange, countermeasures taken by the Company to strengthen the concept of exchange hedging of financial personnel, observe the fluctuation of exchange rate at any time through the network exchange rate real-time system, and refer to the financial information provided by banks and investment institutions, grasp the exchange rate dynamics and trends in real time as a reference for foreign exchange settlement; in addition, the Company has established a bargaining adjustment floating mechanism with the sales target, and has actively expanded its marketing scope and industrial categories to reduce the exchange risk caused by large changes in the exchange rate of a single currency through multi-currency sales; as for the net foreign currency position, the Company has formulated the Operating Procedures for Engaging in Derivative Financial Commodities Trading, which has been resolved by the Board of Directors and the General Meeting for standardizing the operating procedures related to derivative financial commodities, and taking necessary measures according to the foreign currency position and exchange rate changes whenever necessary, so as to mitigate exchange rate risk arising from the Company's business operations. In addition, in the face of rapid changes in the global economy, the Group also actively adjusted its supply market dominance balance strategy, so that the ratio of domestic and foreign sales gradually converged to average, delaying and reducing the impact of changes in the economic environment.

#### B. Fluctuation of raw material price

The main raw material demand is pig iron, scrap steel and iron ore. The market price fluctuation range is more than that before the actual market demand situation, that is, the price fluctuation phenomenon has occurred, so the risk is relatively increased. In addition, the supplier's default penalty is lower than the rising price during the pre-purchase transaction. Moreover, a large amount of storage space is needed for stocking, which makes it difficult to stock up and can lead to production stops.

#### **Countermeasures:**

In order to prevent the price of raw materials from rising sharply, resulting in suppliers' breach of contract or emergency material preparation, which leads to higher procurement costs, the Company actively seeks international large-scale raw material suppliers and rated upstream suppliers' supply in advance, effectively disperses the supply areas and prepares materials in batches in advance, so that the production situation will not hinder the realization of revenue due to insufficient raw material supply. Both the Company and major customers adopt quarterly price adjustment to reflect the fluctuation of raw materials and exchange rate, so as to reduce the impact on the Company, and actively negotiate with customers that the fluctuation of raw materials must be reflected in the products, and the company will give relative feedback to customers when the price of raw materials declines.

In addition, the Company considers that the existing warehouse space of each subsidiary is limited, unable to provide a place to store a large amount of pig iron, some factories of Ningbo Yeong shang Qingshi Facility have been used as pig iron storage areas, which can not only enable the Company to import a large amount of pig iron at one time when the price of pig iron is relatively low, but also effectively distribute pig iron to various operating subsidiaries. In the future, the Group is intended to integrate the upstream material industry to achieve self-sufficiency in materials or strategic alliance with upstream industries, so as to bring more perfect production efficiency and adequate supply of raw materials.

#### C. Serious corrosion at sea affects product quality.

In recent years, the development trend of wind power products has changed, gradually changing from onshore wind power to offshore wind power. The process design and processing capacity in the casting process will be different from the original onshore wind turbine manufacturing, especially the offshore rust is the most serious, which will affect the product quality and product life cycle.

#### **Countermeasures:**

In view of the severe corrosion environment at sea, it is necessary to strengthen the corrosion resistance of products, improve the quality of products and make them more able to withstand sea breeze erosion. Based on the above considerations, Yongguan Group has been accredited with ISO12944 anti-corrosion certification, which can provide C5 level of the highest anti-corrosion requirement for offshore wind turbines. The Company has expanded new factories in Jiangsu Gangrui and Ningbo Yongxiang to build anti-rust painting capabilities such as sandblasting, painting and zinc spraying. It is set up as a spraying plant for offshore wind power products to enhance the vertical integration benefits such as casting and spraying processing, so that the Company can further expand its offshore wind power business.
Early in 2020, due to the COVID-19 pandemic, policies such as prohibiting going out and stopping work appeared all over the world, which led to the stagnation of commercial activities and the obstruction of production capacity;

#### **Countermeasures:**

Keep close contact with foreign customers and keep abreast of customer order requirements to make corresponding changes. In China's domestic demand, the demand for public infrastructure has not been affected and the market has gradually returned to the pre-epidemic state. In addition, in the face of market changes after the epidemic, we actively strive for more cooperation opportunities from 5G related industries and printing industries.

## **3-4 Information Security**

#### Information security management strategy and architecture;

Yeong Guan Energy established the Enterprise Information Security Organization in 2022, which has information security group and information protection group under its jurisdiction to coordinate the formulation, implementation, risk management and compliance check of information security and protection-related policies. The top executive of the enterprise information security organization reports the effectiveness of information security management, agendas and directions related to information security to the Audit Committee of the Board of Directors every six months.

Yeong Guan Energy implements the information security strategy set by the enterprise information security organization, and ensures internal compliance with relevant information security guidelines, procedures and laws and regulations, especially the establishment of Yeong Guan Energy Technology Group Exclusive Information Protection Committee, which is chaired by the top leader of the Information Department, the top executives of HR Department, Sustainable Development Department and Business Office serve as members of the Committee, and the head of Enterprise Information Security Group is set as the executive secretary, and the top executive of Audit Office as the observer. Quarterly meetings are held to review and decide on information security and information protection guidelines and policies, and implement the effectiveness of information security management measures.



## 4 Environmental Protection

## 4-1 Energy/Resource Utilization

### 4-1 Energy/Resource Utilization

In response to global warming and effectively mitigating the impact of climate change, the Company actively promotes energy conservation and carbon reduction. Enforce ISO 14064 GHG Organization Inventory System, identify emission sources, establish activity intensity data and emission data, formulate relevant management procedures for GHG inventory, etc., and calculate GHG emissions. The GHG emissions of the Company can be divided into direct emissions/GHG emissions directly generated by assets owned or operated by enterprises (Category I), indirect energy emissions from purchased electricity/GHG generated by purchased electricity by enterprises (Category II) and emissions generated from business activities of the Enterprise, check of assets with emission sources not owned or controlled by the Company (Category III), including waste produced from employees commuting, foreign travel, domestic travel, fuel and energy related activities and operational activities. GHG emissions (Category I and Category II) totaled 135,154.49 metric tonnes of CO<sub>2</sub> in 2021 due to increased capacity of each facility.

Subsidiaries	YGA	YGB	YGD	YGS	YGL	YGW	Annual Sum
Year	Yeong cheng	Jiangsu	Dongguan	Ningbo	Ningbo Lulin	Shanghai No.	
	Asia Pacific	Bright Steel	Yeong guan	Yeong shang		1 Foundry	
2018	3811.62	35601	13489.39	34448.83	25728.01	14983.00	128062.06
2019	3059.45	47627	11837.38	31616.66	25449.57	23567.00	143157.06
2020	2880.34	48620	11717.73	27097.04	21922.37	25960.00	138197.48
2021	3672.27	41638	10539.40	32227.49	21748.46	25328.87	135154.49

#### Emission of GHG (Ton/CO2 equivalent)

Remarks: The calculation data of GHG emissions of each facility are calculated on their own, except for the verification report provided by the third party SGS of Jiangsu Bright Steel.

#### Power Consumption (KWH)

Subsidiaries	YGA	YGB	YGD	YGS	YGL	YGW	Annual Sum
Year	Yeong cheng	Jiangsu	Dongguan	Ningbo	Ningbo Lulin	Shanghai No.	
	Asia Pacific	Bright Steel	Yeong guan	Yeong shang		1 Foundry	
2018	7359000	48853342	16232880	42012300	31384090	24630005	170471617
2019	5868000	70026036	14297280	38450100	31036780	39360027	199038223
2020	5515800	70150681	14157360	44082300	36814010	43333099	214053250
2021	7079400	69191695	17467120	46828100	35685970	41916465	218168750
Sum	25822200	258221754	62154640	171372800	134920850	149239596	801731840

Facility			Certi	ficate Information	
	Title		Full Title		
YGB	ISO 14001:2015/GB/T 240	01-2016		Environmental Ma	nagement System Certification
Jiangsu Bright Steel	No.	00120E31868R1	M/3200	Period of Validity	2020.6.23-2023.7.5
	Scope of Accreditation	Machining and products and cas	stings and rela related mana tings nd processing	ted management activities of magement activities of magement	turing and related management n above 1.5MW; grinding and ies; achinery and hardware-related acts, machining of castings and
	Place of Certification	ertification Co	enter CQC Beijing		
	Title			Full Tit	le
	ISO 50001:2018/RB/T119-20	)15	Certification	n of energy management	system
	No.	00119En20073R	R0M/3200	Period of Validity	2020.8.5-2022.5.26
	Scope of Accreditation	Production of iron castings and steel structure products and related energy management activities Production system (casting, machining, painting and welding), auxiliary production system (power supply and distribution, air pressure system, air conditioning syster cooling water system and environmental protection facilities, etc.) and auxilia production system (office and dometic use), main energy category: electricity, natur gas			welding), auxiliary production stem, air conditioning system, facilities, etc.) and auxiliary
	Place of Certification	China Quality Certification Center CQC Beijing			
	Title			Full Tit	le
YGD Dongguan	ISO 14001:2015		Environmental Management System Ce		
Yeong guan	No.	442729 UM15		Period of Validity	2018.9.10-2021.9.9
	Scope of Accreditation			ast Iron in Advanced Du	actile Iron Machine
	Place of Certification	DQS AP Certifie	ed DQS Shang	ghai	
	Title		Full Title		
	ISO 14001:2015/GB/T 240	01-2016		Environmental Mar	nagement System Certification
	No.	SW18E20210R1	Μ	Period of Validity	2018.6.17-2021.6.16
YGL	Scope of Accreditation	Production and r	related management activities of large-scale cast iron castings		
Ningbo Lulin	Place of Certification	Shanghai Sailwa	y Certificatio	n Co., Ltd	
	Title		Full Title		
	ISO 50001:2018/RB/T119	9-2015		Certification of ene	ergy management system
	No.	00120En20179R	00120En20179R0M/3302 Period of Validity 2020.12.25-2023.12.24		
	Scope of Accreditation	Energy manager parts)	ement activities involved in the production of iron castings (blank		
	Place of Certification	China Quality C	ertification Co	enter CQC Beijing	

Facility		Cer	tificate Information	1
		Title	Full Title	
	ISO 14001:2015/GB/T	24001-2016	Environmental Mana	agement System Certification
	No.	00120E32043R1M/3302	Period of Validity	2013.7.10-2024.2.10
	Scope of	Design, production and related mana	gement activities of	iron castings (alloy, gray and
	Accreditation	spheroidal graphite)	-	
YGS	Place of Certification	China Quality Certification Center C	QC Beijing	
Ningbo	Ti		Full Title	
Yeong Shang	ISO 50001:2018/RB/T			gy management system
Sing	No.	00121En20023R1M/3302	Period of Validity	2018.1.22-2024.1.21
	Scope of	Energy management activities involve	ved in casting manufa	acturing ,processing and
	Accreditation casting post-treatment production			
		China Quality Certification Center C	~ ~ ~	
YGS	Ti		Full Title	
Ningbo	ISO 14001:2015/GB/T			agement System Certification
Yeong Shang		00120E32899R4M/3302	Period of Validity	2008.12.10-2023.9.2
Processing	Scope ofProduction and related management activities of wind turbine components and mechanical components of large precision machine tools			
		China Quality Certification Center C		
Department				
	Ti		Full Title	
	ISO 14001:2015/GB/T No.	00119E32867R0M/3302		agement System Certification 2019.9.29-2022.9.28
	NO. Scope of		Period of Validity	
	Accreditation	Design, production and related management activities of (gray and spheroidal graphite) iron castings		
		China Quality Certification Center C	OC Beijing	
	ISO 50001:2018/RB/T			agement System Certification
NOW	No.	00119En10130R0M/46500	Period of Validity	2018.1.22-2024.1.21
YGW Shanghai		Design, production and related mana	gement activities of	
No.1			ding, core-making, smelting and casting), post-	
Foundry	Scope ofo	treatment (shakeout and grinding);		
	Accreditation	distribution, air pressure system, air		
		environmental protection facilities, e		
		domestic use); main energy categori		gas
	Place of Certification	China Quality Certification Center C	QC Beijing	

#### Other energy saving and carbon reduction measures

Energy-efficient modification

Project Name	Facility	Fee (10,000/RMB)
LED lighting	Bright Steel	10.80
	Facility No. 2 & 3	
LED lighting	Bright Steel	28.60
	Facility No. 1 & 4	
LED lighting	Yeong Shang	70.06
	Processing	
	Department	
Waste heat recovery of air	Lulin	10.70
compressor		
Variable frequency transformation of	Yeong Shang	20.30
air compressor	Processing	
	Department	
Heat energy recovery system of air	Bright Steel	6.80
compressor	Facility No. 2 &3	

# 5 Friendly Workplace

- 5-1 Workforce Composition
- 5-2 Worker/Employer Relations
- 5-3 Occupational Health & Safety

## **5-1 Workforce Composition**

To build a harmonious, friendly and healthy working environment, The Company employs people in accordance with laws and regulations such as Labor Standards Law, Gender Equality at Work Law and Occupational Safety and Health Law. Employees are hired on the basis of professional capability and experience, and have never been considered differently on the grounds of race, thought, religion, party affiliation, native place, place of birth, gender, age, sexual orientation, marriage, appearance, physical and mental disorder, constellation, blood type, etc., and employees under the age of 16 (child laborers) have never been employed or used for work. formulated sexual harassment prevention and treatment methods and operation procedures, and handle sexual harassment prevention and advocacy courses.

#### Employees in the past two years and up to the printing date of the annual report,

		2020	2021	Mar. 31 2022
	Manager	96	99	89
Number of Employees	Employees on Production Line	1,908	1,764	1,785
rumber of Employees	Ordinary Staff	355	396	391
	R&D personnel	85	93	92
	Total	2,444	2,352	2,357
	39.51	40.16	37.86	
	8.21	8.44	11.49	
Distribution of Educations (%)	Master/Ph. D	0.29%	0.34%	0.42%
	Bachelor's Degree	7.08%	6.25%	5.94%
	Junior college and below	92.64%	93.41%	93.64%

Number of employees, average length of service, average age and their educations.

### **5-2 Worker/Employer Relations**

(I) List the Company's all employee welfare measures, further education, training and retirement systems and their implementation, and agreement between the Employer and employees and employees' protection measures

#### 1. Employee welfare measures

In addition to being higher than the average salary level in the same industry, the Company's employee welfare measures include year-end bonuses, all allowances and subsidies, fullattendance bonus and production performance bonus, etc., and allocate "social security fund" (endowment insurance, medical insurance, workers' insurance, injury insurance, unemployment insurance and maternity insurance, etc.) under Chinese laws and regulations and "housing provident fund" and other statutory allocations. In addition, there are annual bonuses, wedding and childbirth gifts, regular welfare payments and irregular staff tours, dinners, recreational activities, etc., so as to adjust the physical and mental health of employees and promote their centripetal force and sense of belonging.

#### 2. Further Education and Training

In order to improve the professional skills of our employees, in order to be competent for their own jobs and develop their potential, our company carries out professional and safety education and training for employees from time to time, hoping to improve the quality and core competitiveness of employees, improve the innovation ability of enterprises and achieve the goal of sustainable operation of enterprises.

#### 3. Retirement System and its Implementation

For any subsidiaries of the Company incorporated in Taiwan, China, 6% of the Company's monthly salary shall be paid as a pension, which is deposited in the personal account of labor pension in accordance with the Labor Pension Regulations of Taiwan China.

Companies in China pay monthly pension insurance in accordance with local laws and regulations to take care of the livelihood of retired employees. According to local social insurance operation mode, endowment insurance is included in social insurance (including medical treatment, maternity, pension, work injury and unemployment); the Company, after handling all formalities of increasing the number of employees in social insurance, has begun to fulfill the obligation of contribute to endowment insurance.

#### 4. Agreement between the Employer and Employees

In addition to concluding labor contract with employees in accordance with laws and regulations when employees arrive at their posts, the Company has also established complaint channels and established trade unions to smooth the communication channels between employers and employees.

#### 5. Measures to safeguard employees' interest

In addition to protecting employees' rights and interests according to law, the Company has formulated welfare management measures to specify various employees' benefits and rights and interests, and implemented them accordingly.

## (II) List all losses suffered by labor disputes in the latest year and up to the printing date of the annual report (including the results of labor inspection)

## **1.** In the most recent year and up to the date of publication of this annual report, the Company has paid RMB 9,000 due to arbitration on labor dispute, and our countermeasures are stated as follows:

- (1) Conduct a general survey of employee contract signing and update the list regularly.
- (2) Strengthen the physical examination of occupational diseases of employees.
- (3) Understand the injuries of workers with work-related injuries, and put forward the identification and appraisal of work-related injuries in time within the validity period.
- (4) Advocate to employees, work together peacefully, strengthen management and control, and implement according to management regulations.

#### **2.** In addition, the Company has no case of labor dispute for the present.

## **5-3 Occupational Health & Safety**

In order to truly enforce the professional management policy of employees' occupational safety and health, each Facility has applied for ISO45001 Certification and has been accredited with ISO45001 occupational health and safety certificate certification (as shown in the following table).

YGB     Iso 45001:2018/GB/T 45001-2020     Certificate of Occupational Health and Safety Management System Certification       YGB     No.     00120S314278R0M/3200     Period of Validity     2020.6.23-2023.6.22       Jiangsu Bright Steel     Industrial machinery, precision casting blank manufacturing and related managemen activities of key equipment for wind power generation above 1.5MW; grinding an cleaning iron castings and related management activities; Accreditation     Machining and related management activities; Manufacturing and processing of steel structure products, machining of castings an related management activities       Place of Certification     China Quality Certification Center CQC Beijing       YGD Dongguan Yeong guan     ISO 45001:2018     Certificate of Occupational Health and Safet Management System Certification       No.     442729 OHS18     Period of Validity     2020.8.27-2023.8.27       No.     442729 OHS18     Period of Validity     2020.8.27-2023.8.27
YGB Jiangsu Bright Steel   No.   00120S314278R0M/3200   Period of Validity   2020.6.23-2023.6.22     Scope of Accreditation   Industrial machinery, precision casting blank manufacturing and related management activities of key equipment for wind power generation above 1.5MW; grinding and cleaning iron castings and related management activities; Machining and related management activities, Manufacturing and processing of steel structure products, machining of castings Manufacturing and processing of steel structure products, machining of castings and related management activities     Place of Certification   China Quality Certification Center CQC Beijing     VGD Dongguan Yeong guan   Title   Full Title     ISO 45001:2018   Certificate of Occupational Health and Safe Management System Certification     No.   442729 OHS18   Period of Validity   2020.8.27-2023.8.27     Scope of   Machining of General Gray Cast Iron in Advanced Ductile Iron Machine
YGB Jiangsu Bright Steel   No.   00120S314278R0M/3200   Period of Validity   2020.6.23-2023.6.22     Machining and processing of steel structure and related management activities of key equipment for wind power generation above 1.5MW; grinding and related management activities.   Machining and related management activities of machinery and hardware-related management activities of steel structure products, machining of castings and related management activities.     Place of Certification   Certification Center CQC Beijing     YGD   Title   Full Title     ISO 45001:2018   Certificate of Occupational Health and Safe Management System Certification     No.   442729 OHS18   Period of Validity   2020.8.27-2023.8.27     Machining of General Gray Cast Iron in Advanced Ductile Iron Machine   Machinine
Jiangsu Bright Steel   No.   001205314278K0M/3200   Period of Validity   2020.6.23-2023.6.22     Bright Steel   Accoreditation   Industrial machinery, precision casting blank manufacturing and related management activities; Accreditation   Industrial machinery, precision casting blank manufacturing and related management activities; Machining and related management activities; Manufacturing and processing of steel structure products, machining of castings are related management activities     Place of Certification   China Quality Certification Center CQC Beijing     VGD Dongguan Yeong guan   Title   Full Title     ISO 45001:2018   Certificate of Occupational Health and Safe Management System Certification     No.   442729 OHS18   Period of Validity   2020.8.27-2023.8.27     Scope of   Machining of General Gray Cast Iron in Advanced Ductile Iron Machine
Bright Steel   Industrial machinery, precision casting blank manufacturing and related management activities of key equipment for wind power generation above 1.5MW; grinding and related management activities;     Accreditation   Machining and related management activities of key equipment for wind power generation above 1.5MW; grinding and related management activities;     Machining and related management activities   Machining and related management activities;     Manufacturing and processing of steel structure products, machining of castings ar related management activities     Place of Certification   Certification Center CQC Beijing     VGD   ISO 45001:2018   Certificate of Occupational Health and Safe Management System Certification     No.   442729 OHS18   Period of Validity   2020.8.27-2023.8.27     Scope of   Machining of General Gray Cast Iron in Advanced Ductile Iron Machine
YGD   Title   Full Title     YGD   ISO 45001:2018   Certification   Certificate of Occupational Health and Safe Management System Certification     No.   442729 OHS18   Period of Validity   2020.8.27-2023.8.27     Scope of   Machining of General Gray Cast Iron in Advanced Ductile Iron Machine
YGD   Certification   Title   Full Title     YGD   ISO 45001:2018   Certificate of Occupational Health and Safe Management System Curtification     No.   442729 OHS18   Period of Validity   2020.8.27-2023.8.27     Scope of   Machining of General Gray Cast Iron in Advanced Durtle Iron Machine
YGD   Title   Full Title     Dongguan   ISO 45001:2018   Certificate of Occupational Health and Safe Management System Certification     No.   442729 OHS18   Period of Validity   2020.8.27-2023.8.27     Scope of   Machining of General Gray Cast Iron in Advanced Ductile Iron Machine
YGD Dongguan Yeong guan   ISO 45001:2018   Certificate of Occupational Health and Safe Management System Certification     No.   442729 OHS18   Period of Validity   2020.8.27-2023.8.27     Scope of   Machining of General Gray Cast Iron in Advanced Ductile Iron Machine
YGD Management System Certification   Dongguan Management System Certification   No. 442729 OHS18 Period of Validity 2020.8.27-2023.8.27   Scope of Machining of General Gray Cast Iron in Advanced Ductile Iron Machine
Yeong guan No. 442729 OHS18 Period of Validity 2020.8.27-2023.8.27   Scope of Machining of General Gray Cast Iron in Advanced Ductile Iron Machine
Scope of Machining of General Gray Cast Iron in Advanced Ductile Iron Machine
Place of DQS AP Certified DQS Shanghai
Certification
Title Full Title
GB/T28001-2011/ OHSAS18001:2007 Certificate of Occupational Health and Safety YGL
Ningbo Lulin Management System Certification
No.     SW21E20381R2M     Period of Validity     2015.09.10-2024.06.16
Scope of Production and related management activities of large-scale cast iron castings
Accreditation
Place of Shanghai Sailway Certification Co., Ltd
Certification
Title Full Title   ISO 45001:2018 (CP/T 45001 2020 Cartificate of Occupational Health and Sofety
ISO 45001:2018/GB/T 45001-2020 Certificate of Occupational Health and Safety Management System Certification
YGS     No. 00120S31543R1M/3302     Period of Validity     2017.7.17-2023.7.16
Ningbo
Yeong shang     Scope of     Design, production and related management activities of iron castings (alloy, grey an       Accreditation     spheroidal graphite)
Place of China Quality Certification Center CQC Beijing
Certification

#### Yeong Guan Energy Technology Group's Health and Safety Certifications

Facility				Certificate Information		
YGS	Title	Full Title				
Ningbo Yeong shang	ISO 45001:2018/GB/T 45001-2020		Certificate of Occupational Health and Safety Management System			
Processing			Certification			
Department	No.	00120S3220	)3R4M/3302	Period of Validity	2020.8.28-2023.9.2	
	Scope of Accreditation	and related management activities of wind turbine components and components of large precision machine tools				
	Place of Certification	ity Certification Center CQC Beijing				
	Title			Full Title		
YGW Shanghai	ISO 45001:2018	Certificate of Occupational Health and Safety Management System Certification				
No.1	No.	00119S321	35R0M/3302	Period of Validity	2019.9.29-2022.9.28	
Foundry	Scope of Accreditation	Design, pro graphite) irc	oduction and related management activities of (gray and spheroidal on castings			
	Place of Certification	China Quali	China Quality Certification Center CQC Beijing			

## 6 Prosperous Society

6-1 Community Support & Donations



## 6-1 2012-2021 Community Support & Donations

Yeong Guan Energy is committed to providing customers with high-quality products and services, and actively participates in social welfare and fulfills corporate responsibilities. The Company participated in diversified public welfare, including educational sponsorship, academic awards, major disaster relief and project donations, etc. From 2012 to 2018, the total public welfare donations were RMB 5.93 million in total. Including the donation of RMB 5 million from Tainan earthquake in 2016 and the annual project funds of Taiwan Normal University/scholarship of Xinbei High Industrial Vocational School in New Taipei City from 2012 to 2018. The following table is the counted social welfare donations up to 2021.

SN	Company	Content	Amount (RMB)
1	Shanghai No. 1 Foundry	2020 New Year Charity Fundraising Activity (Fenhu High-tech Industrial Development Zone)	10,000
2	Shanghai No. 1 Foundry	2021 New Year Charity Fundraising Activity (Fenhu High-tech Industrial Development Zone)	20,000
3	Shanghai No. 1 Foundry	In 2020, Village-Enterprise Work Together to Help the Poor"	12,500
4	Shanghai No. 1 Foundry	On March 8, 2021 Women's Day and Dongsheng Village Friendship Activities	5,000
5	Shanghai No. 1 Foundry	In 2021, the volunteer service activities of nucleic acid pre-exercise in Dongsheng Village (12 people)	None
6	Ningbo Lulin	Charity Fund to Help the Poor in 2021	30,000
7	Ningbo Yeongshang	Donation of dormitory facilities of Anzhang Primary School in 2020	25,000
8	Ningbo Yeongshang	Charity Day Donation in 2021-Henan Flood Disaster	60,000
9	Jiangsu Bright Steel	Care for Poor Households in Neighboring Villages of Tianmuhu Town, Liyang City, with the local Finance and Assets Administration	20,000
10	Jiangsu Bright Steel	Epidemic Prevention Consolation of the Working Group of Epidemic Prevention Website in Tianmuhu Town, Liyang City	5,000
11	Jiangsu Bright Steel	Tianmu Lake Full-time Rescue Team in Liyang City	6,000
12	Jiangsu Bright Steel	Fire Protection Emergency Rescue Detachment in Liyang City	8,000
13	Jiangsu Bright Steel	Laba Festival in Ruyi Community of Tianmu Lake Condolences to the Elderly	5,000
14	Jiangsu Bright Steel	Tianmuhu Police Station	20,000
15	Shanghai No. 1 Foundry	In February 2022, 25 scanners of ID cards were donated for epidemic prevention	1,500
16	Ningbo Lulin	2021 Lulin Machinery East and West Social Assistance Fund	50,000
17	Ningbo Lulin	Donation for anti-epidemic in 2021	50,000

#### List of Charitable Activities in 2020-2021

## Annex I

GRI Standard	Themes Concerned	Disclosure Item No.	Disclosure Item Title	Disclosure Item
No.				
GRI 101	Base	101	Base	
GRI 101		101-1	Foundation	√
GRI 102	General Disclosure	102	General Disclosure	
		102-1	Organization Name	$\checkmark$
		102-2	Activities, Brands, Products and Services	$\checkmark$
		102-3	HO Location	$\checkmark$
		102-4	Location of operating activities	$\checkmark$
		102-5	Ownership and Legal Form	$\checkmark$
		102-6	Market for providing services	$\checkmark$
		102-7	Organization size	$\checkmark$
		102-8	Information about employees and other workers	$\checkmark$
		102-9	Supply Chain	$\checkmark$
		102-10	Significant changes in the organization and its supply chain	$\checkmark$
		102-11	Early warning principles or guidelines	
		102-12	External initiatives	$\checkmark$
		102-13	Membership of public associations	$\checkmark$
		102-14	Statement by decision makers	$\checkmark$
		102-15	Critical impact, risks and opportunities (optional)	$\checkmark$
		102-16	Values, principles, standards and codes of conduct	$\checkmark$
		102-17	On the mechanism of ethical suggestions and concerns	$\checkmark$
		102-18	Governance Structure	$\checkmark$
		102-19	Powers and responsibilities of appointment	$\checkmark$
		102-20	The Management shall be responsible for economic, environmental and social themes	$\checkmark$
		102-21	Consult with stakeholders on economic, environmental and social themes	$\checkmark$
		102-22	Composition of the Supreme Governance Unit and its Committee	$\checkmark$
		102-23	Chairperson of the highest governance unit	$\checkmark$
		102-24	Nomination and adjacent election of the highest governance unit	$\checkmark$
		102-25	Conflict of Interest	$\checkmark$
		102-26	The role of highest governance unit in setting up purposes, values and strategies	$\checkmark$

GRI Standard	Themes Concerned	Disclosure Item No.	Disclosure Item Title	Disclosure Item
No.				
		102-27	Group intelligence of the highest governance unit	$\checkmark$
		102-28	Performance evaluation of the highest governance unit	$\checkmark$
		102-29	Identify and manage economic, environmental and social impact	$\checkmark$
		102-30	Effectiveness of risk management procedures	$\checkmark$
		102-31	Examination on economic, environmental and social themes	$\checkmark$
		102-32	The role of the highest governance unit in sustainability reporting	$\checkmark$
		102-33	Communicate important key sustainability agendas	$\checkmark$
		102-34	Nature and total number of key sustainability agendas	$\checkmark$
		102-35	Compensation Policy	$\checkmark$
		102-36	Process of compensation determination	$\checkmark$
		102-37	Participation of stakeholders	$\checkmark$
		102-38	Annual total compensation ratio	$\checkmark$
		102-39	Percentage increase in annual total compensation ratio	$\checkmark$
		102-40	Stakeholder group	$\checkmark$
		102-41	Group agreement	$\checkmark$
		102-42	Identify and select stakeholders	$\checkmark$
		102-43	Guidelines for communication with stakeholders	$\checkmark$
		102-44	Key themes and concerns raised	$\checkmark$
		102-45	Entities included in the consolidated financial statements	$\checkmark$
		102-46	Define the boundary between the content and theme of the Report	$\checkmark$
		102-47	List of Major Themes	$\checkmark$
		102-48	Information reprogramming	$\checkmark$
		102-49	Report change	$\checkmark$
		102-50	Reporting period	$\checkmark$
		102-51	Date of last report	√
		102-52	Reporting cycle	√
		102-53	Contact person who can answer questions related to the report	√
		102-54	Announcement of reporting according to GRI guidelines	$\checkmark$
		102-55	GRI Content Index	$\checkmark$
		102-56	External assurance/reassurance	$\checkmark$

GRI Standard No.	Themes Concerned	Disclosure Item No.	Disclosure Item Title	Disclosure Item
GRI 103		103	Management Policy	
		103-1	Explain major themes and their boundaries	
		103-2	Management policies and their elements	
		103-3	Evaluation of management policy	
GRI201		201	Economic Performance	
		201-1	Direct economic value generated and distributed by the organization	
		201-2	Financial impacts and other risks and opportunities arising from climate change	$\checkmark$
		201-3	Define benefit plan obligations and other retirement plans	
		201-4	Sourced from financial subsidies from the government	
GRI202		202	Market Position	
		202-1	Ratio of standard salary to local minimum salary of primary level personnel of different genders	
		202-2	Proportion of local residents employed as senior management	
<b>GRI203</b>		203	indirect economic impact	
		203-1	Investment in infrastructure and development of support services and significant indirect economic impact	
		203-2	Significant indirect economic impact	
GRI204		204	Procurement	
		204-1	Proportion of procurement expenditure from local suppliers	
GRI205		205	Anti-corruption	
		205-1	Operating bases where corruption risk assessment has been conducted	
		205-2	Communication and training on anti-corruption policies and procedures	$\checkmark$
		205-3	Confirmed corruption incidents and actions taken	
<b>GRI206</b>		206	Anti-competitive conduct	
		206-1	Legal Acts Against Competitive, Antitrust and Monopolistic Acts	
<b>GRI207</b>		207	Tax payment	
		207-1	Tax payment method	$\checkmark$
		207-2	Tax Administration and Control and Risk Management	
		207-3	Participation and management of tax-related stakeholders	
077740		207-4	Multi-country report	
GRI301		301	Material	
		301-1	Weight or volume of materials used	$\checkmark$
		301-2	Use recycled materials	
		301-3	Recycled products and their packaging materials	

GRI Standard	Themes Concerned	Disclosure Item No.	Disclosure Item Title	Disclosure Item
No.				
GRI302		302	Energy	
		302-1	Energy consumption within the organization	$\checkmark$
		302-2	Energy consumption outside the organization	
		302-3	Energy intensity	$\checkmark$
		302-4	Reduce energy consumption	$\checkmark$
		302-5	Reduce the energy demand of products and services	
GRI303		303	Water Supply and Drainage	
		303-1	Interaction of shared water resources	
		303-2	Management of drainage-related impact	
		303-3	Water intake	
		303-4	Water Discharge	
		303-5	Water Consumption	
GRI304		304	Biodiversity	
		304-1	Operational sites owned, leased or managed by the organization or their adjacent areas are located in environmental protection areas or other areas with high biodiversity value	
		304-2	Activities, products and services. Significant impact on biodiversity	
		304-3	Protected or rehabilitated habitat	
		304-4	Among the habitats affected by operations, species that have been listed in IUCN Red List and National Conservation List	
GRI305		305	Emission	
		305-1	Direct (category I) GHG emissions	
		305-2	Energy indirect (category II) GHG emissions	
		305-3	Other indirect (category III) GHG emissions	
		305-4	GHG emission intensity	$\checkmark$
		305-5	GHG emission reduction	$\checkmark$
		305-6	Emission of ozone depleting substances (ODS)	
		305-7	Nitrogen oxides (NOx), sulfur oxides (SOX) and other major gas emissions	

GRI Standard No.	Themes Concerned	Disclosure Item No.	Disclosure Item Title	Disclosure Item
<b>GRI306</b>		306	Waste	
		306-1	The generation of waste is significantly impacted by waste	$\checkmark$
		306-2	Management of waste-related impacts	$\checkmark$
		306-3	Generation of waste	$\checkmark$
		306-4	Disposal and transfer of waste	$\checkmark$
		306-5	Direct disposal of waste	
GRI307		307	Legal compliance in environmental protection	
		307-1	Violation of environmental laws and regulations	
GRI308		308	Supplier's Environmental Assessment	
		308-1	Adopt environmental standards to select new suppliers	
		308-2	Negative environmental shocks in the supply chain and actions taken	$\checkmark$
GRI401		401	Industrial Relations	
		401-1	New recruits and departing employees	
		401-2	Benefits provided to full-time employees (excluding casual laborers or part-timers)	$\checkmark$
		401-3	Parental Leave	
<b>GRI402</b>		402	Industrial Relations	
		402-1	Minimum notice period for operational changes	
GRI403		403	OSH	
		403-1	Occupational safety and health management system	$\checkmark$
		403-2	Hazard identification, risk assessment and accident investigation	$\checkmark$
		403-3	Occupational health services	$\checkmark$
		403-4	Participation, consultation and communication of workers related to occupational safety and health	$\checkmark$
		403-5	Training of workers on occupational safety and health	$\checkmark$
		403-6	Health promotion of workers	
		403-7	Prevent and mitigate the impact of occupational safety and health directly related to business relations	$\checkmark$
		403-8	Workers covered by occupational safety and health management system	
		403-9	Occupational Injury	
		403-10	Occupational Disease	
<b>GRI404</b>		404	Training and Education	
		404-1	Average hours of training per employee per year	
		404-2	Enhancing staff functions and transitional assistance programs	
		404-3	Percentage of employees who receive regular performance and career development audits	

GRI Standard No.	Themes Concerned	Disclosure Item No.	Disclosure Item Title	Disclosure Item
<b>GRI405</b>		405	Employee diversity and equal opportunity	
		405-1	Diversification of governance units and employees	
		405-2	Ratio of women to men's basic salary increase	
GRI406		406	Non-discrimination	
		406-1	Incidents of discrimination and improvement actions taken by the organization	
GRI407		407	Freedom of Association and group consultations	
		407-1	Operating bases or suppliers that may face risks to freedom of association and group negotiation	$\checkmark$
<b>GRI408</b>		408	Child Labor	
		408-1	Significant risks of child labor in operating bases and suppliers	$\checkmark$
GRI409		409	Forced Labor	
		409-1	Operating bases and suppliers with significant risks of forced or compulsory labor incidents	
<b>GRI410</b>		410	Security	
		410-1	Security personnel receive training in human rights policies or procedures	
GRI411		411	Aboriginal rights	
		411-1	Incidents involving violations of Aboriginal rights	
<b>GRI412</b>		412	Human right assessment	
		412-1	Operational activities subject to human rights review or human rights impact assessment	
		412-2	Staff training on human rights policies or procedures	
		412-3	Important investment agreements and contracts with human rights clauses or have been reviewed for human rights	$\checkmark$
<b>GRI413</b>		413	Local community	
		413-1	Operational activities through local community communication, impact assessment and development plan	
		413-2	Operational activities with significant actual or potential negative impact on local communities	
GRI414		414	Supplier Social Assessment	
		414-1	Screening new suppliers using social criteria	
		414-2	Negative social impact in the supply chain and actions taken	
<b>GRI415</b>		415	Public policy	
		415-1	Political contributions	
GRI416		416	Customer health and safety	
		416-1	Assess the impact of product and service categories on health and safety	
		416-2	Violation of health and safety regulations related to products and services	

GRI Standard No.	Themes Concerned	Disclosure Item No.	Disclosure Item Title	Disclosure Item
GRI417		417	Marketing and Labeling	
		417-1	Requirements for product and service information and labeling	$\checkmark$
		417-2	Incidents that fail to comply with relevant laws and regulations on information and labeling of products and services	
		417-3	Incidents of non-compliance with relevant laws and regulations on marketing communication	
<b>GRI418</b>		418	Customer's Privacy	
		418-1	Complaints of confirmed invasion of customer privacy or loss of customer data	
<b>GRI419</b>		419	Socioeconomic Legal Compliance	
		419-1	Violation of laws and regulations in social and economic fields	



