



# 2562 รายงานความยั่งยืน

MMG Sustainability Report 2019



MMG Moving forward to Sustainability ก้าวไปสู่ความสำเร็จที่ยั่งยืน

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#### **MUANG MAI GUTHRIE**

Public Company Limited

# MMG ก้าวไปสู่ความสำเร็จที่ยั่งยืน MMG Moving forward to Sustainability



นายพิทยา ตันติพิริยะกิจ
PITAYA TANTIPIRIYAKIJ
PRESIDENT
MUANG MAI GUTHRIE PUBLIC COMPANY LIMITED

This year, the Company commenced operations in the system of FSC CoC (Forest Stewardship Council: Chain of Custody Certication) to express determination in not supporting illegal deforestation or illegal trading related to wood or products. Additionally, the Company will not take any actions that violate fundamental principles of the main convention of the International Labor Organization (ILO) and the principles of fundamental rights in working. Plus, the Company started provision of the occupational health and safety system in accordance with ISO 45001 and environmental management system as per ISO 14001.

Apart from business operation, the Company focuses on operation of corporate social responsibility policy (CSR) such as distributing clean water to drought victims around the factory, granting scholarship etc., for sustainability of the business and the community.

### Message from President

In 2019, the economic situation at world and national levels was decelerated continuously leading to the company's business operations encountering challenges, especially for natural rubber industry due to uctuation of natural rubber price all year long. The price of rubber extremely rose because of the dry weather in the rst half of the year while in the second half of the year, the rubber's price declined. For business operation, the Company was committed to operate its business based on sustainability with emphasis on quality, production effectiveness, cost and risk management to be suitable with and in response to changing needs under good and sustainable corporate governance.





# **วิสัยทัศน**์ (VISION)

66

To be a producer of highquality concentrate latex, Skim block and ENR rubber to respond needs and satisfaction of customers and stakeholders

"



# พันธกิจ (MISSION)



Manufacture products with higher quality than general standard



Emphasize and develop personnel to have potentials and effectiveness in working



Cooperate with stakeholders and be responsible for society, and environment for sustainable common success



# Quality

Quality in working, products and personal life

#### Effective

Effective and successful in production with intended or desirable results

# วัฒนธรรม และค่านิยมองค์กร (Culture)

Responsible for even

# Be honest, transparent

Be honest, transparent and adherent to obligations for credibility and trust

# Caring for people & Society

Caring for people and society

### **Togetherness**

Togetherness with harmony

# Create Value & Sustainability

Create value & innovation for continuous and sustainable development

# The Company is our home

The Company is our home

# MUANG MAI GUTHRIE CULTURE

The Company has organizational cultures and values which are important foundations used as a guideline of practice. The organizational cultures and values are connected with the organization's strategy that make the organization grow with potentials and competitiveness, and they are essential factors that render the organization to be sustainably successful.







# ข้อมูลทั่วไปของบริษัท (ABOUT COMPANY)

#### Muang Mai Guthrie Public Company Limited

or MMG was established on 19<sup>th</sup> March 1996. The date of public limited company registration is 12<sup>th</sup> May 2005

Registration No.: 0107548000331



We operate the business of manufacturing and distributing primary processed rubber products, concentrate latex, ENR, skim block and compo block under the trademark "DYNATHAI" with registration of copyright and trademark from the Department of Intellectual Property with registered capital of 340,000,000 Baht. Website: www.mmguthrie.com

#### Office and location

Head office

9/17, Muang Mai Building, 3rd Floor,
Thep Krasattri Road, Ratsada Sub-district,
Mueang District, Phuket Province 83110
Tel. 076-211332, 076-211407
Fax: 076-215966
Email: mmg@mmguthrie.com

No. 7, Village No. 8, Khlong Cha-un Sub-district, Phanom District, Surat Thani Province 84250 Phanom Factory

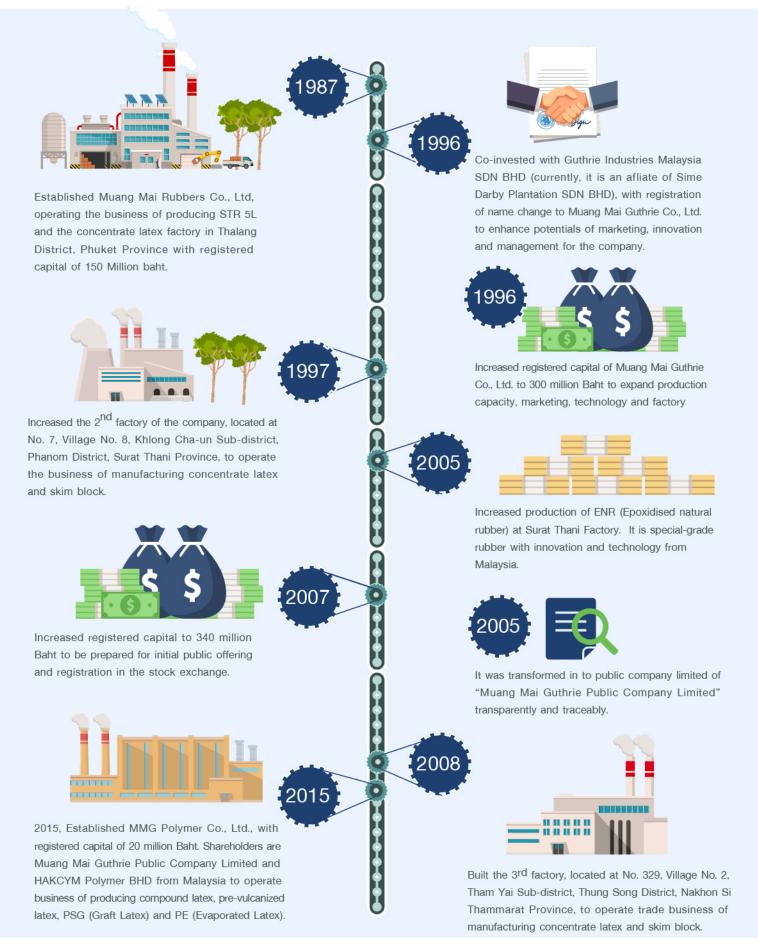
Thung Song Factory

No. 329, Village No. 2, Tham Yai Sub-district, Thung Song District, Nakhon Si Thammarat Province Muang Mai Guthrie Public Company Limited is a joint venture between a shareholder who is a Thai juristic person which is Muang Mai Rubbers Co., Ltd (holding 51% shares of the company) and a shareholder who is a Malaysian juristic person, which is Sime Darby Plantation Berhad (Holding 49% shares of the Company) being a company in Sime Darby Group (Sime Darby), registered in Malaysian Stock Exchange, operating business of rubbers and concentrate latex as well as operating a business of agriculture with rubber and oil palm farms. In Malaysia, oil palms are cultivated instead of rubber trees and thus, this company expands the rubber production and distribution business to Thailand through business operation of Muang Mai Guthrie Public Company Limited.

As Thailand has considerable rubber cultivation areas with high volume of latex as an important raw material. Sime Darby Group has a policy to provide assistance in terms of marketing, innovation and management for the company for business sustainability.









# พลิตภัณฑ์และบริการ (PRODUCT AND SERVICE)



# น้ำยางขัน (Concentrate Latex)

It is latex from processing natural latex from farmers with high-speed spinning machine to separate latex from other substances making latex more concentrated with content of dry rubber less than 60%. Furthermore, chemicals are added to control quality as the customers need. The products in this group are:

- High Ammonia "HA" concentrate latex
- Low Ammonia "LA" concentrate latex
- Low Protein concentrate latex
- Microtex

It is special-grade concentrate latex produced by orders of customers with features of having smaller rubber molecules than general concentrate latex, used for manufacturing condom or very thin gloves or super thin gloves.



#### ยางแท่ง ENR

#### (Epoxidized Natural Rubber)

It is rubber product from restructuring molecule of concentrate latex with Peroxy acid, for better properties such as tolerance to oil, heat, corrosion, and anti-skidding. It can be processed in various forms due to similar property to articial rubber. It is the sole manufacturer in Thailand.





### ยางสกิมบล็อก (Skim Block)

Raw material for producing skim block is skim latex which is byproduct from the concentrate latex production process. The skim latex is removed ammonia and coagulated with acid, oven and baling press machine. The skim block product of the company is used as raw materials for manufacturing products such as shoe soles, shockproof rubber, ooring rubber, and mat etc.



### ยางคอมโป (compo)

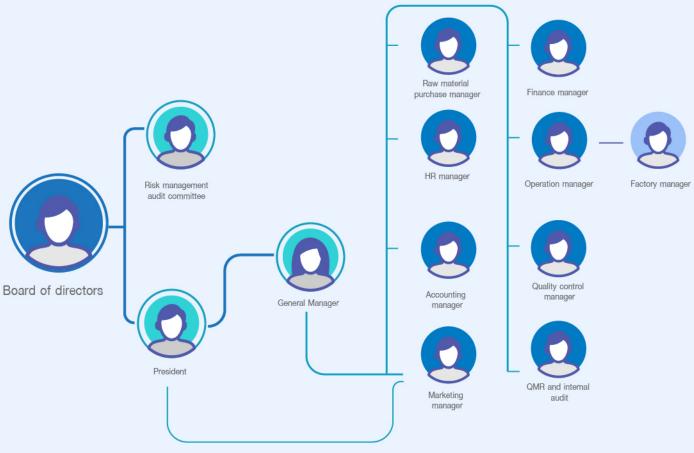
It is product from using rubber scraps left from the production process to manufacture compo which can be used as raw material in the rubber block and shoe sole industry etc.



# กำลังการผลิตรวมของบริษัท Production Capacities



## Organization's Management Structure







### Management principle for sustainability and social responsibility of the company

The Company determines a policy and practice about sustainable social responsibility which is a main mission of the company based on 4 items of the principle as follows:



การกำกับดูแลกิจการที่ดี (Good Corporate Governance)



The Company provides a good corporate governance system, and it is committed to adhere to organizational ethics with corporate governance and professional business operation according to the legal principle, laws and business ethics at all time. It is to promote and implant operation standard for the company's employee to follow as expected. The board of directors prescribes the company's policy and guideline of business ethic standard to implant conscious mind, responsibility, transparency and anti-corruption policy as a clear guideline of practice for business operation in accordance with the legal and moral principles, good corporate governance principles and business ethic principles of the Company. To make such policy practical, the Company uses communication channels in the organization such as website.

The Company's PR signs and boards to build up correct knowledge and understanding as well as to enhance recognition of participation for personnel in the company and those related to the company's businesses, leading to construction of anti-corruption organization cultures for good foundation of the organizational and business development in a sustainable way.

# การเป็นมิตรกับสิ่งแวดล้อม



#### (Environmental Friendly)

The company's businesses are directly related to nature and environment. So, the Company has a guideline of practices regarding environment strictly as per environmental laws and regulations. The company implements the environmental management system of ISO 14001 as a tool to manage, dene a preventive measure, assess risks and reduce environmental impacts from activities of the Company. It is to construct sustainability from sustainable resource use, water management, water, soil and energy conservation in an effective way, modern tool and machine use, decrease of chemicals that may affect environments and community as per the environmental policy as follows:

### นโยบายสิ่งแวดล้อม (Environmental Policy)

The company operates businesses about manufacturing natural rubber products for domestic and international distribution. It is committed to operate environmental works systematically, adheres to environmental requirements and laws, and implements the environmental management system of ISO 14001 as the basis of practices to maintain and improve environments continuously. The top executives and all employees will engage in practices as follows:



#### **Environmental Policy**

Complying to law

Complying to laws, regulations and requirements about environmental control and protection regarding operations of the company strictly.

> Objective and goal

It has clear objectives and goals to reduce environmental impact signicantly such as quality of wastewater, air, reducing energy, water and electricity use, reducing resource use, and reviewing environmental work plans for continuous development and improvement

Prevention

Preventing and assessing risks, reducing

pollution and environmental impacts by reducing waste, reusing materials effectively and efciently.

Education

Education and training for enhancing conscious mind, promoting participation in conserving energy and environment for employees at all levels and related persons with communication and public relation.

The company operates businesses about manufacturing natural rubber products for domestic and international distribution. It is committed to and emphasizes occupational health and safety management for the company's business operation in developing, improving and uplifting occupational health and safety performance. It requires communication to executives and employees to have understanding and practice properly for sustainable development as follows:



The company operates and develops management of occupational health and safety suitable and consistent with legal provisions and regulations to be applied with strict compliance.



The Company assesses risks and opportunities and support risk reduction, prevention and improvement of dangers from accidents, illness from working, re. chemicals, electricity, machine and dangers with risk at moderate level and above. It is used to dene or review occupational health and safety objectives.

## มือาชีวอนามัย และความปลอดภัยในการทำงาน





Policy

Environmental

The company operates business with responsibility under laws, regulations and requirements related to occupational health and safety of employees and stakeholders. The policy is determined as follows:



The company support resources adequately and suitably by providing safety tools and equipment based on work condition, supporting development and improvement of work environment and safe work operations, motivating employees to realize dangers that may happen upon working as well as giving suggestion about causes and preventi on for safe working.



The company arranges a training to develop knowledge, ability and implant good culture about occupational health and safety to all employees as well as giving advice and participating in activities with employees and their representatives



The company will improve management and performance of occupational health and safety continuously and will review the policy periodically to ensure that the policy is consistent and suitable with the company.



The company communicates, publishes, educates and constitutes understanding to company's employees and stakeholders and supports trade partners and co-investors to take part in business operation with good occupational health and safety management.









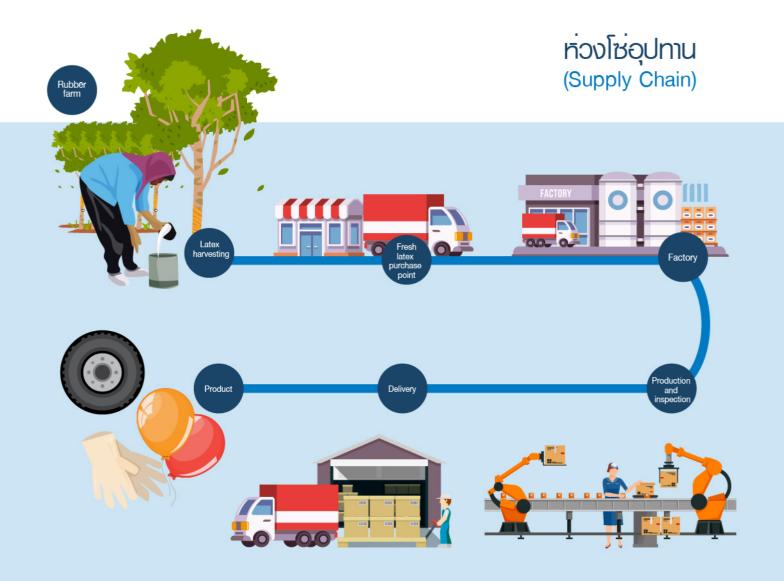


# มีความรับผิดชอบต่อห่วงโซ่อุปทาน

#### (Responsibility to Supply Chain)

The company is committed to operate business with ethics, morality and compliance with laws according to the corporate governance principle with focus on promoting every employee to follow and use it as a guideline for suppliers to practice. The Company provides a supplier sustainable code of conduct to explain expectation the company has with suppliers, stakeholders as well as supply chain of rubber such as rubber farmers, rubber merchants, customers regarding integrity and ethics in business operation to have good practices

About labor and human right, health, occupational health and safety of relevant persons with good environmental management etc. The Company provides support, health and promotion to supplier and stakeholders by extending such principle to the society extensively for good quality of life and sustainable business operation. If the suppliers fail to comply with the "supplier sustainable code of conduct", the Company reserves rights to operate work with the suppliers by considering from impacts and damages that arise.





# Operation of company's stakeholders

Stakeholders are important to the company in business operation to strengthen the organization in all aspects including economy, society and environment. The company hence emphasizes opinions of the stakeholders with regular contact, communication and relationship maintenance process to study opinions, expectations, needs and concerns in a suitable way. It includes reviewing the needs and expectations of the stakeholders periodically as shown in the below table.



Stakeholders	Communication and participation	Need and expectation	How to respond expectation	Indicator of outcome
Shareholder	Arrange annual shareholder's meeting     Report overall operation on     company's website     Clear all inquiries via phone and email	Good turnover and satisfactory return     Administration under corporate governance     Regular dividend payment     The business grows stably and sustainablywith social and environmental responsibility	Operate the business with strategy, make prot, and be environmentally and socially friendly     Good, transparent and traceable corporate governance     Disclose information correctly, completely, punctually meeting expectation of shareholders	- The business grows continuously - Dividend every year > 70% of net pr
Employees	Arrange weekly and monthly meeting     rain as per annual plan inside     and outside the company.      Hear opinions and complaints      Provide electronic communication     system such as internet, Email,     Facebook, Line      Set up welfare committee      Present a project for work, safety and     work environment improvement	Develop knowledge and ability of employees     Pay returns fairly and suitably     Recognize human right and fair and non-discriminating treatment to workers.     Have good occupational health, safety and work environment     Be stable and have progress in work.	Raise salary suitably in each year Provide provident fund Provide shelter and free lunch Manage safety with ISO 45001 standard Manage environment with ISO 14001 standard Organize CSR activities such as sports event inside and outside the factory	Attachment of employees in organiz     Rate of turnover     Statistics of accidents     Rate of complaints in various matte     Number of employees with job pron and advancemen
Stakeholders	Communication and participation	Need and expectation	How to respond expectation	Indicator of outcome
Raw material supplier, Rubber farmers	Online communication system, telephone, website, email, Facebook, Line     Visit and evaluate suppliers     Give advice about maintenance and quality control     Give correct knowledge about trading and rubber     Organize activities	- Gain correct and updated knowledge.  - Gain knowledge about quality maintenance and control  - Comply with an agreement fairly for procurement  - Transparent and fair price bidding	- Comply with purchase policy, raw material trading procedures and supplier evaluation method - Develop suppliers by giving advice, knowledge and understanding about raw material quality contro - Provide anti-corruption policy and promote moral and good practices.	Supply quality raw materials as agr     Supply raw materials correctly and punctually     The supplier evaluation result will b notied and updated.
Customer	Online communication system, telephone, website, email, Facebook, Line     Survey customer's satisfaction every year.     Evaluate and visit the factory by customer.     Do activities together     Meet the customers for discussion and improvement	Receive quality goods, products and services correctly, completely, punctually and safely. Comply with the agreement fairly. Keep secrets of the customers. Jointly develop products and goods.	- Universal standard management system such as ISO9001, ISO14001, ISO45001, ECOVADIS/ SMETA  - Abide by trade ethics  - Research, development and improvement of production for quality products to meet customer's need  - Have ethic in keeping the company's secrets  - The customers can check and visit the production process all the time.	Score of customer's satisfaction     Various products with grade or type as the customers need     Continuous orders.



Stakeholders	Communication and participation	Need and expectation	How to respond expectation	Indicator of outcome
Supplier	Online communication system, telephone, website, email, Facebook, Line     Visit and evaluate supplier every year     Have a meeting together     Join activities with the suppliers	Provide a standard, transparent and traceable procurement system     Gain clear information about products and services to be procured     Receive product and service cost punctually	Anti-corruption policy     Comply with procurement policy     and business ethics     Provide channels for complaint     submission	Deliver goods and work in time.     Result of annual supplier evaluation     Suppliers know about ethical agreement in business operation and sustainable code of conduct for suppliers together with the company
Community and Society	- Survey area, meet people and make a community survey form to build up understanding and good relationship - Do activities and meet with the community in every 3 months Signboard, website, Facebook - Environmental management as specied by law - CSR with nearby community - Accept complaints	- Help and support activities of the community - Do not cause negative impacts on community and society - Be transparent in operations - Hire local people to work - Comply with the principles of humanity and acts against corruption.	- Have a team to survey the area, and have a meeting with the community Support the community's activities - Hire local people - Open a factory for the community to visit.	- Provide more than 10 CSR projects to improve and develop community, schools, temples and bed-ridden patients/ year Have a budget to support community's activities every year Decreased complaints from the community - Acceptance from the community - Employment of local people - Satisfaction from the community
\$ Creditors / Bank	- Meet and discuss agenda - Submit an annual nancial statement of the company	- Comply with conditions and agreements	Comply with conditions and agreements     Clear inquiries when having doubts correctly and rapidly	- The nancial institutions are condent with the business operation and continue loaning.  - Suitable and timely return giving
Stakeholders	Communication and participation	Need and expectation	How to respond expectation	Indicator of outcome
Governments	- Report data as specied by law - Submit legal taxes - Support projects of the public sector - Hear and exchange opinions regularly - Allow visiting the enterprise - Have a meeting with related government authorities	- Comply with rules, regulations and requirements as specied by law in all aspects Do not cause impacts on the community and environment Provide environmental management system and safety in workplace Participate in activities of the public sector	Comply with applicable laws and regulations     Disclose information of the company transparently     Recognize human right	- Permission for continuous business operation - No impacts on community and society - Result of data according to the report as specied by laws



# Importance of sustainable development

The company provides, gathers, reviews and prioritizes importance of signicant issues to sustainable development with effects on business operation. It reviews risk issues in all processes including present and potential risks that may affect operations of the company to make a guideline and management plan in a suitable way. This will enable the company to respond needs or expectations of stakeholders in all dimensions and thus determines a guideline of materiality as follows:



# Identication of sustainable issues

The company's working team surveys, considers selecting and gathering important information internally and externally from needs, and expectations of stakeholders for sustainability related to economic, social and environmental impacts. To dene scope of each sustainability issue depends on impacts from operation and value change that arises.

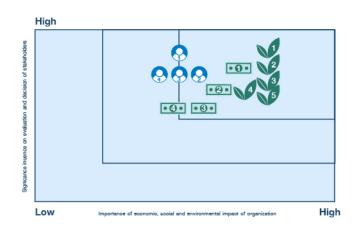
#### Prioritization of sustainable issues

The company prioritizes important sustainable issues of the organization by using materiality matrix for prioritization through the criteria in 2 perspectives as follows:

- Horizontal axis represents signicance of the organization's economic, environmental and social impacts in ascending order.
- Vertical axis represents inuence on stakeholder and decisions in ascending order.

#### Validation of sustainable issues

Important issues from data collection, analysis and prioritization are presented to the sustainability working team and board of directors for approval with following important issues







Societ



Environment



### Important sustainability issues and operation







เศรษฐกิจ Economy

สังคม Society

สิ่งแวดล้อม Environment

Issue	GRI Aspect	Topic in report
เศรษฐกิจ Economy	Good corporate governance and transparency     Risk management and handling in crisis     Participation with stakeholders and supplier development     Economic overall operation	Good corporate governance and anti-corruption     Risk management     Sustainable practice for customers     Economic overall operation
สังคม Society	<ul> <li>Supervising and training for employee development</li> <li>Occupational health and safety in working</li> <li>Supporting and cooperating with the community</li> <li>Managing complaints</li> </ul>	<ul> <li>Personnel development, human right and personal treatment</li> <li>Occupational health and safety</li> <li>Participation in developing community and society</li> <li>Accepting complaints</li> </ul>
สิ่งแวดล้อม Environment	<ul> <li>Environmental policy and management</li> <li>Water usage</li> <li>Energy usage</li> <li>Air quality management</li> <li>Waste management</li> </ul>	Environmental management     Water management     Electric power conservation     Air pollution management     Waste management



### Sustainability report

The sustainability report of Muang Mai Guthrie Public Company Limited in 2019 is provided to disclose information and operation about sustainability management as subject matters to stakeholders of the Company covering economic, social and environmental performance based on corporate governance signicant to the company. The sustainability report will be provided continuously.

The sustainability report is provided according to the core of Global Reporting Initiative: GRI which is to disclose information as subject matters and suitable and specic information with the company's business operation. The contents of the report cover duration from 01st January to 31st December 2019.





# การบริหารความเสี่ยง และการควบคุมภายในบริษัท (Risk management & internal control)

The company emphasizes risk management in all dimensions including society, economy and environment with continuous risk management policy audit and review to be presented to the management committee of the company. It is focused on important risks necessary to business's sustainability because the natural rubber industry is related to nature, environment, community and stakeholders. Therefore, the Company providesrisk management system for managing the organization to have potentials, achieve goals, increase business opportunity and add values to the organization as well as strengthening and bringing highest benets to stakeholders. It is provided according to the good corporate governance principle and strategic plan, action plan along with related laws and regulations.

It is enforced with the board of directors, executives, employees in the organization to realize their duty and responsibility as per the risk management policy.

### นโยบายการบริหารความเสี่ยง (Risk Management Policy)

Muang Mai Guthrie Public Company Limited is a company operating business about manufacturing natural rubber products for domestic and international distribution. The company's business is encountering complicated and various risks due to environmental changes for internal and external business operation of the company. To make the company's operation effective and meet universal standard for stable and sustainable growth, it is necessary to build up the foundation of risk management which is good and suitable for preventing and mitigating effects of risk. The board of directors of the company then species the framework of risk management policy, methods and risk management plan to cover main factors in 4 aspects as follows:





It is focused on management of risks affecting objectives and policies as well as reputation and image of the Company by determining the risk management as a part of annual business planning, work management and daily decision.



Risk is managed with highest effectiveness at acceptable level. Every employee shall take part in risk management process, assessing risks of their responsible sector and dening a suitable measure for managing risks and promoting employees in the entire organization to perceive and prevent all potential risks.



Following up, auditing and assessing risk by changing environment from internal and external factors suitably and continuously and reporting the result of risk management to the board of directors in case of crucial factors or events that may signicantly affect the company.



Supporting and promoting risk management as a part of the organizational culture leading to development and creation to increase condence, effectiveness and add value to the organization.



#### Result of risk management





The company assesses risk with emphasis on economy, society and environment with a plan to follow up risk regularly and review it on a yearly basis or when signicant changes happen, affecting the risk management plan. It is to build up condence and achieve the goals as follows:



Decreased Sales and Prot

#### Economy

- Price and volume uctuation of natural latex
- · Fluctuation of exchange rate
- · Credit and risk from customers

#### **Impact**

- Increased production cost
- Decreased Sales and Profit
- The customers terminate an agreement with no payment for product cost leading to loss and income loss

#### Management

- A team manages and keeps update about information and news of rubber price in national and foreign markets including Thailand and Malaysia.
- Determine product price of the company in different forms to diversify risks such as long term contract, short term contract.
- The purchase and management of raw materials is at suitable level.
- A team makes a futures agreement and follows up movement of exchange rate closely.
- Do transactions with reliable customers only and review the credit term.

- Management of supply chain.
   Shortage of latex which is important raw material due to drought and heavy rain.
- Liquidity

- The latex is not enough, has poor quality in the production, affecting production cost and product quality
- The current capital is not enough that the company cannot make payment in time affecting reputation of the company
- Provide fresh latex through channels such as major, minor and cooperatives and build up network and good relationship in every group.
- A team educates and visits raw material suppliers and make a yearly latex wholesale agreement with the government an cooperatives.
- Maintain adequacy of costs and manage liquidation all the time.
- · Make a packing credit agreement from sales and delivery.





## สังคม Society

#### Society

- Related laws and regulation
- · Accidents or emergency
- Quality and safety of products

#### Impact

- Being ned, defamed and loss of business opportunity
- · Safety of employees
- · Condence of stakeholders

#### Management

- A sector is responsible for assessing, analyzing and following up practices to be consistent with CSR and environmental team.
- Provide a safety policy and plan.
- Make a plan to support emergency.
- · Set up a security team.
- Safety of consumers
   Appoint a team and provide audit system for every production process with quality assurance to meet universal standard.
  - A standard testing laboratory in every process.
  - Control production, packaging and delivery with standard and effectiveness.
  - A brand that brings condence to consumers and customers as per ISO standard

## สิ่งแวดล้อม Environment



#### Society

- Fluctuation of weather and natural environment
- Impact
- Catastrophes or natural disasters such as drought, ood affecting volume of raw materials and business operation

#### Management

- Initiate an energy conservation project with water, electricity and waste management by controlling use volume.
- Improve production process to be environmentally friendly and implement new technology and innovation.

- Management of wastewater and air quality
- Wastewater, odor affecting nearby community which may lead to complaints.
- Provide a treatment system for wastewater and odor from production.
- Monitor and audit continuously.
- Operate community relation works by arranging a meetin with the community for hearing problems and complaints and doing activities to discuss and resolve problems right to the point.



### การควบคุมและการตรวจสอบภายใน (Internal control and Audit)



The company provides a monitor system by operating business with transparency and fairness and it is committed to suppress all kinds of corruption in and out of the company with effective risk management and internal control in accordance with universal standard. It has the independent audit committee to evaluate the internal control system of the company in various aspects such as organization and environment, risk management, control of practices of the management, information system and communication. It also has monitoring system from and external auditor and internal control system of the auditor presented to the board meeting of the company. Moreover, it includes compliance with laws and regulations as well as anti-corruption policy and other policies of the company.

# การป้องกัน และการต่อต้านทุจริตคอร์รัปชั้น (Anti-Bribery and Corruption)

The Company is committed to operate business with ethics under the framework of good corporate governance based on ethics and morality in business operation with corporate social responsibility for society, environment and stakeholders. It operates the business with integrity, honesty, transparency and fairness with traceability and the company desires to engage in





To express intention and determination to act against corruption of all kinds. The Company denes an anticorruption policy and code of practice as follows:

### นโยบายการต่อต้านทุจริตคอร์รัปชั่น (Anti-Corruption Policy)

Muang Mai Guthrie Public Company Limited has determination to operate business with morality under the framework of good corporate governance based on the ethical and moral principles in operating the business. It is responsible for society, environment and all stakeholders and operates the business honestly, faithfully, transparent, fairly and traceably. The Company intends to join "Private Sector Collective Action Anti-Corruption" to express its intention and commitment in acting against corruption of all kinds. Therefore, the company denes an anti-corruption policy and guideline of practice in business operation clearly in accordance with legal provisions, moral principles, good corporate governance and business ethics of the company. To implement such policy, the Company exercises communication channels in the organization to constitute perception of the company's personnel and those related to business of the company, leading to anticorruption organizational culture. As a result, a good foundation will be constructed for organization and business development in a sustainable manner.



# หน้าที่และความรับผิดชอบ (Duties and responsibilities)







The board of directors has duty to determine a policy and supervise the system in support of acts against corruption effectively for every employee to understand and realize importance and implant it to be organizational culture.



The audit committee has duty to audit nancial and accounting reports, internal control, Internal audit system and supervise and audit veracity of compliance with this code of conduct.



Executive committee, managing director and executives have duty to dene code of conduct about acts against corruption and review suitability of the system and measures to be consistent with business changes and changes in regulations, stipulations and requirements of laws and communicate to employees and all related persons.



The executive committee, managing director and executives have duty to assess risks related to acts against corruption and review the ant-corruption measure to be adequate and suitable and report overall operations and give suggestion to the board of directors.



Corporate governance committee has duty to supervise, give advice and follow up compliance with ethical policy in business operation as well as anti-corruption policy and measures.

# นโยบายและแนวทางปฏิบัติเกี่ยวกับ การต่อต้านคอร์รัปชั่น

#### (Anti-corruption policy and practice)

Any kind of corruption is not tolerated, including business and all matters in every related sector. Committee, executives and employees of the company shall strictly comply with the anti-corruption policy and do not get involved with corruption of all kinds directly or indirectly.



Do not behave in any ways conveying intention of corruption, giving or receiving bribe to and from public and private ofcials or stakeholders related to the company to obtain or retain business or competitiveness or personal or other's interest.



Do not ignore when detecting any action that seems to be corruption about the company. It is a duty to inform a supervisor or responsible person and ask cooperation for further investigation.



The company will treat fairly and protect a person refusing corruption, or informing or reporting corruption to the company as specied in the informant or related person protection measure in the corruption reporting.



Any person that commits any corrupted act is in breach of business ethics, code of conduct and shall be taken disciplinary action according the regulations of employee's discipline of the company and may be subject to legal proceeding if such act is illegal.





The company realizes importance of propagating knowledge, educating and building up understanding with persons to perform duty related to the company or that may affect the company for compliance with the anti-corruption policy such as orientation for newcomers and trainings for company's personnel. It is announced on the company's website and updated for code of conduct as the company sees t with notication to related persons.



The company provides suitable and effective audit and internal control system by internal and external sectors to prevent corruption.



The Company provides human resource management process, reecting the company's commitment to anti-corruption measure from recruitment, checking prole, assessing performance, giving returns and promotion.



The Company operates its businesses politically neutrally and does not support or take any acts involved with any political party with objectives to be benets for the company's business. Every employee is free to engage in any political activity, but shall not claim his/ her employment or use property or equipment of the company in favor of politics. Such involvement shall not be taken that may cause it to be believed that the company supports or gets involved with any political party.



For donation and sponsorship, the company has a clear, transparent and legal code of conduct that a donator or sponsor shall be identied as per the company's regulations and it must be ensured that such donation or sponsorship is not exploited to evade bribery. Nevertheless, such sponsorship shall be aimed for public relation to promote business and create good image of the company, which can be done in different forms such as supporting cultural activities, social activities and corporate social responsibility (CSR), educational and sports activities etc.



Gift and entertainment

The Company realizes that building up good relationship with business allies is important to bring continuous success. So, the Company species code of conduct as follows:

- (1) It is not to dominate, induce or return a favor of any person to gain advantage through inappropriate or hidden acts to obtain assistance or benets.
- (2) It is subject to applicable laws, regulations and principles specied by the company.
- (3) It is to give in the name of the company not the name of an employee and it is open without concealment.
- (4) The type and value is suitable and correct by occasion such as in case of giving while bidding that no gift is not given or entertainment for government ofcials or company's employees or related sectors
- (5) It is suitable with circumstance such as giving small gifts in festivals as a custom.
- (6) Directors, executives and employees of the company can accept a gift or benets festival or custom with value not exceeding 3,000 Baht. Nevertheless, the gift shall not be case or cash equivalent such as vouchers, gift cards etc. If a gift's value is more than 3,000 Baht and the employee cannot refuse such giving, he/she shall inform the commander immediately and make a list of gift receiving and send such gift to the human resource department to be used as a reward for employees in special occasions or donated to charity as it sees ts.

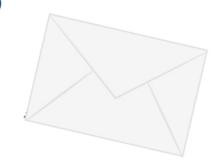




### มาตรการและช่องทางการแจ้งเบาะแส หรือข้อร้องเรียน

#### (Measures and channel for submitting complaints and concerns)

The company provides a measure for concern or complaint submission related to illegal acts, acts against business ethics, noncompliance with the company's policy and requirement, or behavior conveying corruption of personnel in the company through various channels. The employees and stakeholders can submit a concern or complaint to the company as they see t and appropriate through following channels.





#### Channels for anti-corruption concern or complaint submitting

### Post: delivered to the committee chairman, general manager of

Muang Mai Guthrie Public Company Limited Muang Mai Building 9/17, Thep Krasattri Road, Ratsada Sub-district Mueang District, Phuket Province 83000



#### **Email**

Email: Admin@mmguthrie.com Human resource department Email: pitaya@mmguthrie.com Chief executive ofcer

Company's website: www.mmguthrie.com

Suggestion/ opinion/ complaint box in the company

# รักษาความลับ

#### (Measures for protection and condentiality)

To protect the complaint reporters and informants, the Company will keep name, address or any information that can identify the informants or whistleblowers in secret, which is specically limited for those who are responsible for investigating the complaints only to access such information. They shall maintain the data, complaints and documentary evidence condential and shall not disclose any information unless it is specied by law.

In case of complaints about the management, top executives, the audit committee will protect the informants or whistleblowers, witnesses and persons giving information for investigation not to be in trouble related to income or injustice from such information or complaining.



## มาตรฐานสากล และรางวัลแห่งความภาคภูมิใจ



#### (International Standards and Awards of Prides)

The company operates, integrates, develops and improves economy, environment, society, morality and business operation in a sustainable way with organization's sustainability evaluation by

ECOVADIS SUPPLIER SUSTAINABILITY RATINGS In 2019, its score was rated at rank 58 (Silver medal in recognition of CSR achievement) increasing from previous year with score only 46 due to provision of environmental management system as per ISO 14001, occupational health and safety system pursuant to ISO 45001 and FSC CoC (Forest Stewardship Council: Chain-of Custody-Certication). n)





58/100 83<sup>rd</sup> percentile



ECOVADIS SUPPLIER SUSTAINABILITY RATINGS Silver medal in recognition of CSR achievement MUANG MAI GUTHRIE PUBLIC CO., LTD.



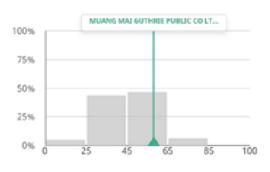








#### Overall score distribution



All companies assessed by EcoVadis in this industry

#### Theme score comparison



O MUANG MAI GUTHRIE PUBLIC CO LTD score

 All companies assessed by EcoVadis in this industry

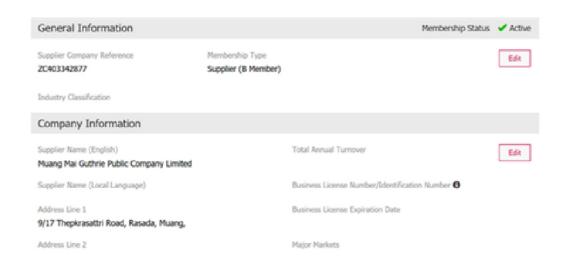




The company is a member of SEDEX MEMBERS ETHICAL TRADE which is an organization, initiated from gathering of member groups of leading organizations and established with no prot seeking to make a theory or a tool in driving ethical development and taking responsibility for business operation in the world-class supply chain. It includes the audit of 4 main topics (version 6.0) as follows:



The audit of 4 topics meet all requirement, and it is reported to the customers, and displayed in the Sedex members ethical trade audit report

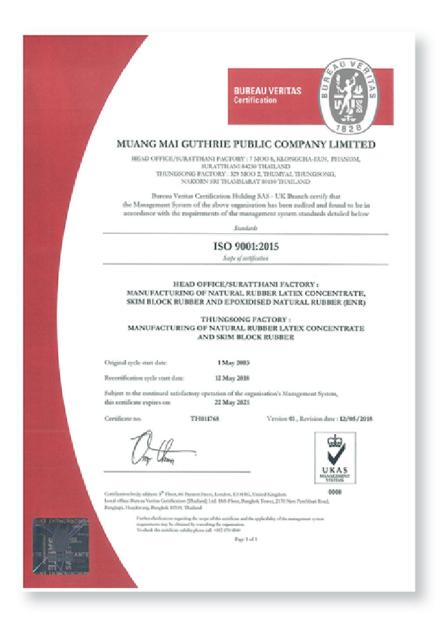






#### The Company also was granted standard certication

for quality work management system meeting universal standard of ISO 9001 version 2015





On 12th May 2018, to assure quality of the company's production which is the system to ensure that all processes are controlled and auditable through a system identifying work procedures and methods, the personnel in the organizations shall be ensured that they realize their duty and responsibility as well as work procedures through trainings so that they have knowledge and skills related to operations. Data are recorded and the operations are audited whether they meet identication in the system. Additionally, mistakes are resolved and a guideline to prevent recurrence is provided, as well as building up understanding with the organization and organizational contexts along with needs and expectations of stakeholders. As a result, obtained data can be used to manage risks and opportunities and to provide other requirements which are the basis to enable the organization to move forward to sustainable development



# Participation with public sectors and organizations with awards from organizations.

The Company has a guideline for participating in operations with external sectors such as government authorities, temples, schools, municipality to constitute cooperation, harmony and care about every sector in the society for economic, social and environmental development. It includes being a member with organizations such as Thai Latex Association, The Federation of Thai Industries, The Federation of Thai Industries, Provincial Chapter, and Thai National Shippers' Council.





#### National Shippers' Council หอการค้าจังหวัด



















# Research, development and improvement project

# Project: Enhancing safety in loading concentrate latex and decreasing contamination in concentrate latex load

It is a project that the Company create a way to work at height conveniently and safely to prevent dangers to operators and related persons, to reduce procedures for faster and more convenient operation, and to reduce contamination from latex loading pipes, decrease accidents from working at height, and bringing satisfaction to operators.



Before After



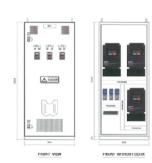






# Energy conservation project: reducing power use of roots blower in the wastewater treatment system by installing inverter.

It is the project to reduce long-term electric use with objectives/ aims to save energy from power use of the company according to the company's policy and to comply with factory law by using variable speed drive: VSD, which is electronic controller to adjust speed of electric motors to change by burdens. It is suitably installed with the motor with changing burdens that speed of motors and power use of the motor during low burden can be decreased. It is a way to save electric power and that the company can save electric cost for 667,000 baht/ year with breakeven time of 6 months.









#### Energy conservation project: Improving power factor in electric system

It is a project to reduce long-term electric use with objectives/aims to save power use of the company according to its policy by surveying and it was found that the transformers' power factor (PF) is relative low. So, the transformers support higher power supply leading to loss in wires and coils of the transformers. Therefore, the company operates a project to improve capacitor to 50 kVAR for 12 units in MDB of the transformers, and adjust power factor to 0.98 from 0.78. So, the Company can save electricity for 92,610 baht/ year with breakeven time for 1.3 years.

Before After















# **CSR**

(Corporate Social Responsibility)

Participating in development of the community and society

Summary of CSR projects with the society and community in 2019

#### Children's Day Project

#### Activity

Giving stationery, gifts and doing activities with children

#### Result

The children are educated, joyful and happy and receive the gifts from joining the event.



#### Supporting security guards for community and uniforms for PHVs (Public Health Volunteers)



#### Activity

The Company supports outts and security equipment in the community as well as uniforms for PHVs (Public Health Volunteers)

#### Result

The company and community have good relationship. PHVs and community security guards have uniform and equipment for duty performance.



#### Natural resource and environmental conservation network support project





#### Activity

The Company supports budgets and engages in conserving natural resources and environment in the community.

#### Result

A conservation network is initiated with funds for doing activities of the company and community with good relationship and promotion of environmental conservation in the community.

# Safe and Clean Playground Project at Ban Champa School

#### Activity

The Company constructs, improves and repairs the playground to be safe.

#### Result

The playground is clean, new and safe for children to play and exercise with good health.





#### Helping people encountering drought





#### Activity

Providing a water truck to be distributed to the community with shortage of water during drought for 44,600 liters.

#### Result

The villagers facing drought have water to use, and it is to mitigate troubles of the villagers in the community.

#### Giving presents to elderly people on Songkran Day for blessings

#### Activity

Watering for blessings and giving presents to the elderly people in 13 villages.

#### Result

- The elderly people are happy and relaxed from joining this activity and receiving presents from the company.
- The company and community have good relationship.





#### Scholarship project



#### Activity

Granting scholarship to students from 6 schools in Khlong Cha-un Sub-district for 30 scholarships.

#### Result

Granting scholarship for students to ease burden of their families having low income.

# **Employee-Community Sports Competition Project**Activity

Giving sports shirts for competition to schools, communities and bidding the employees to join sports competition with the schools and community around the company.

#### Result

- The students, people in the community and employees joining sports competition are healthier from exercising promotion.
- It is to build up harmony and good relationship between the company, schools and community.





#### Coffee forum with community and community leader project





#### Activity

Attending a meeting with the villages and the community leaders to inform information and perceive problems or suggestions.

#### Result

It is to build up understanding, good relationship and to use obtained information for community development, improvement and support.

#### Disable people, underprivileged people and bedridden patient aiding project

#### Activity

Visiting and giving healthy rubber pillows to disabled people, underprivileged people and bedridden patients in the community.

#### Result

- Visiting and giving healthy pillows for better sleep, better physical and mental health.
- The disabled people, underprivileged people and bedridden patients are pleased and happy for the company visiting and giving things.







#### **Environmental Knowledge for Students Project**

#### Activity

Educating, doing activities and playing game about environment in inventing bags and making a paper dream house.

#### Result

The students and teachers do activities with CSR ofcers of the company to understand about preventing and decreasing environmental issues and reusing materials.



#### Village's dam construction and repair Project









#### Activity

The Company supports budget and labors to help the community to repair the dams.

#### Result

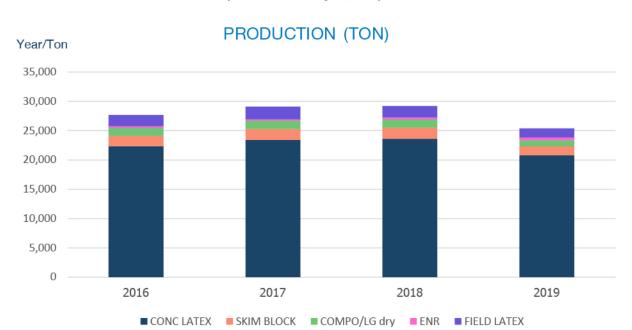
Doing activities with villagers in the community to have water for agriculture all year long. The company and community have good relationship.





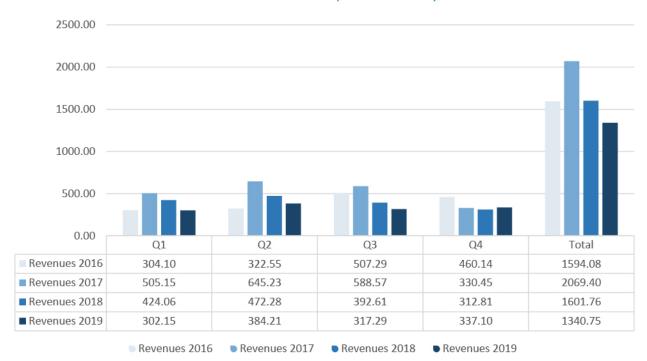
### **Summary of Yearly Overall Operation**

Quantity of natural rubber of the company from 2016-2019 (unit : ton of dry rubber)



Revenue from total sales in 2016 - 2019 (Million Baht)

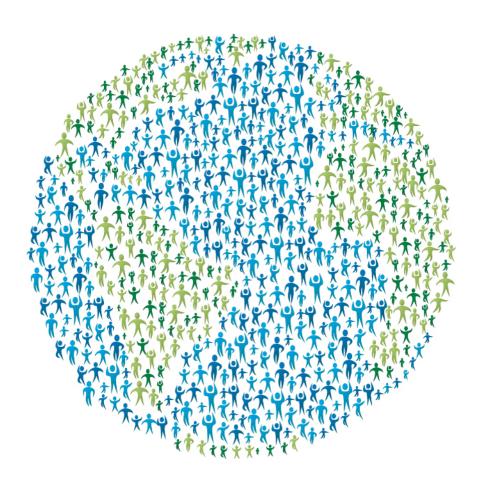
#### **REVENUES** (Million Baht)





#### Social overall operation

The company emphasizes personnel which are important resources of the organization to enable the organization to achieve its goals and objectives. To bring sustainability to the organization, the Company determines the personnel development policy as follows:



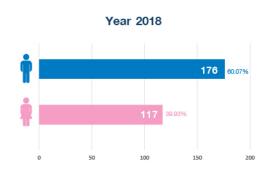
#### **Personnel Development Policy**

The company emphasizes personnel development which are the most valuable resources of the organization to drive the company to succeed and achieve its goals. So, there is a policy about human right and operation manual with fair and equal treatment to employees in terms of opportunity and return, transfer, appointment, benet, welfare as well as planning and training for knowledge, ability, potential

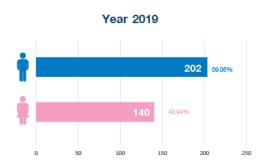
and skill development. It is to support operations and growths of the employees and company. In each year, there will be a survey about need for training to dene internal and external courses with result monitoring and evaluation for every training and every person. It includes determining work goals for every employee to pass KPI (Work effectiveness and efciency indicator).



### Categorized by gender %

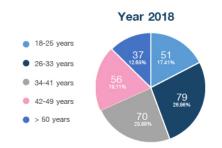




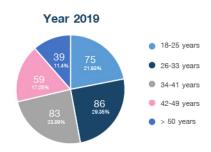


Total 342 persons 100%

#### Categorized by age



Total 293 persons 100%



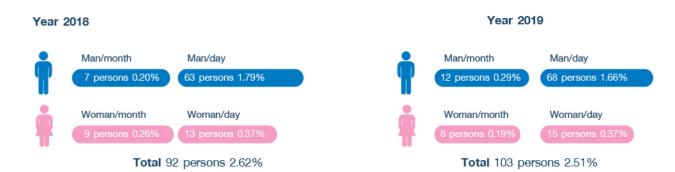
Total 342 persons 100%







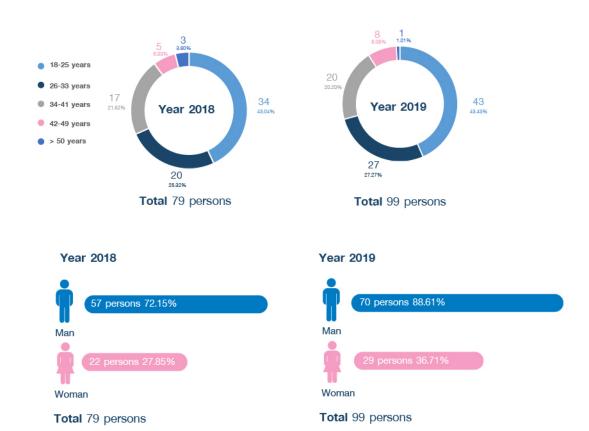
#### Resignation rate



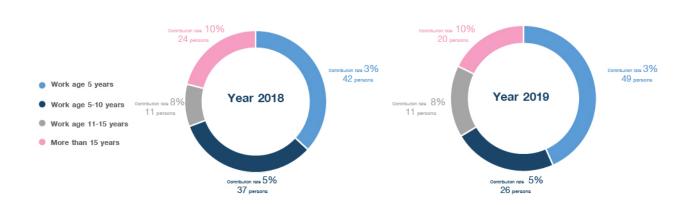




#### Newcomer



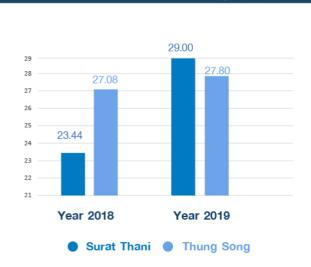
### Rate of contribution paid to provident fund





## **Training hours**

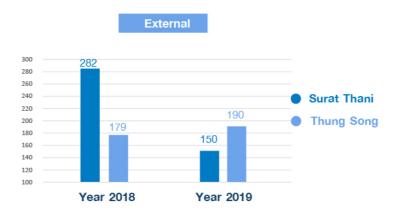
# Average yearly training hours (hour/person/year)



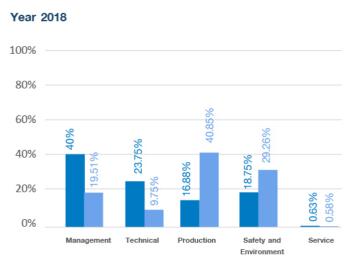


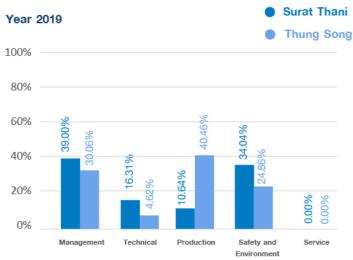
#### Proportion by training type (Including OJT) (hours)





### Proportion of training by skill





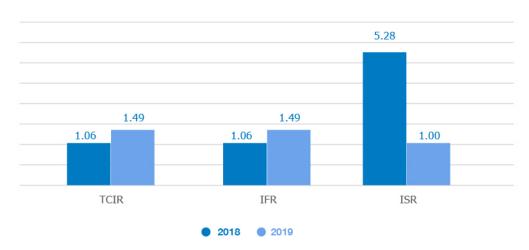


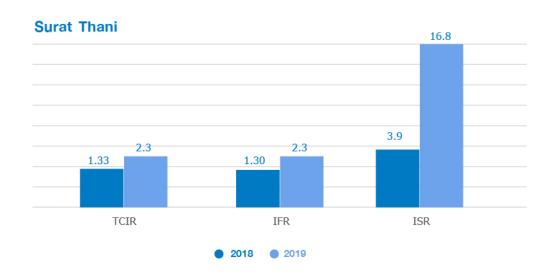
## Overall operation about occupational health and safety

Occupational health and safety year 2018 - 2019 (Jan-Dec)



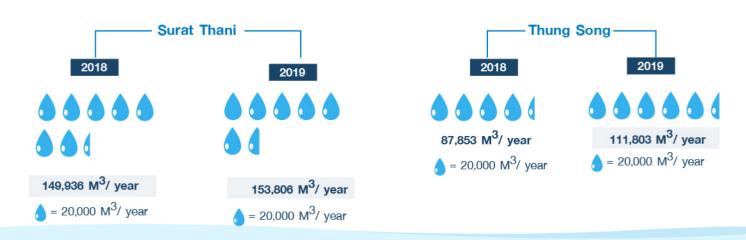
## Statistics of accident during 2018-2019 Thung Song



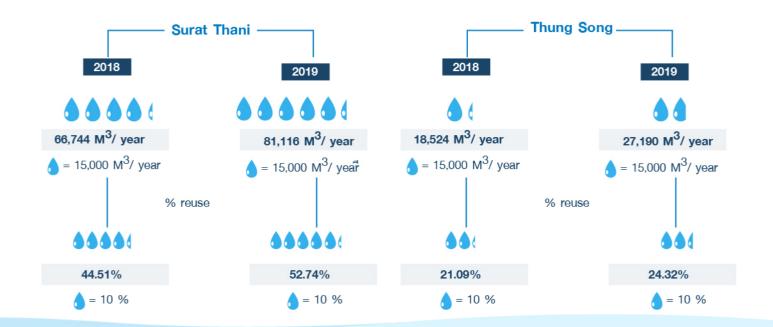




## 1. Water consumption (m<sup>3</sup>/ year)



#### 2. Reused water management (m<sup>3</sup>/ year)

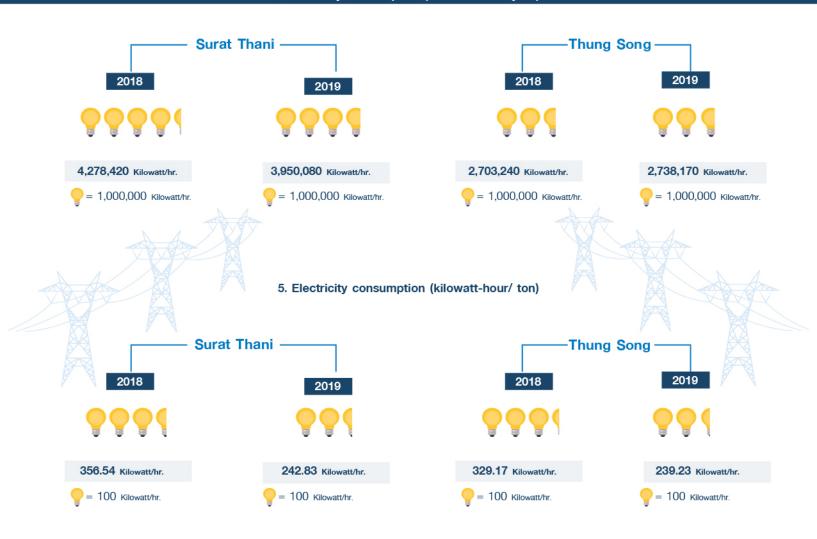


### 3. Average daily water use (m<sup>3</sup>)

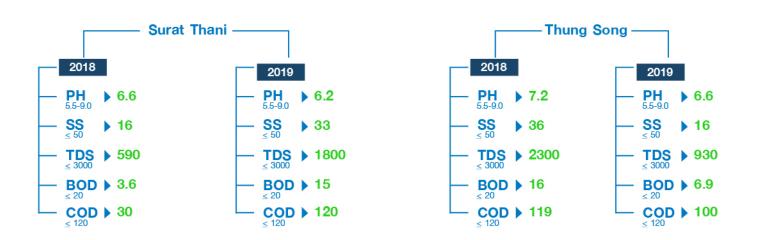




### 4. Electricity consumption (kilowatt-hour/ year)

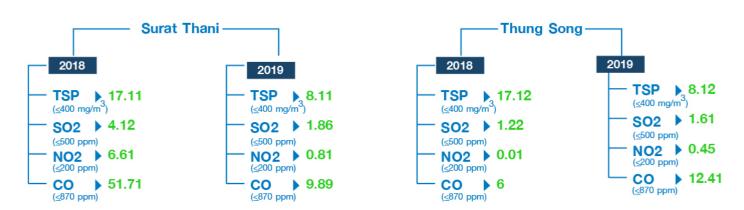


#### 6. Treated water quality check

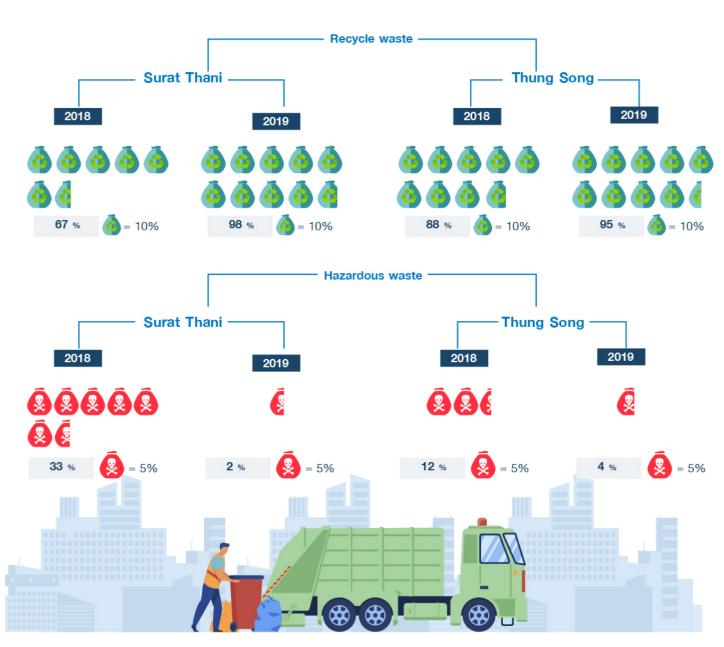




#### 7. Air quality inspection result



#### 8. Rate of waste from production process by %





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# **MUANG MAI GUTHRIE**

Public Company Limited









To be a producer of realiable & Consistent quality products with priority & Focus on human resource and customer's satisfaction in maintaining the quality system.

# Muang Mai Guthrie Public Company Limited

Muang Mai Building, 9/17, Thep Krasattri Road, Ratsada Sub-district, Mueang District, Phuket Province 83000 www.mmguthrie.com