



Environmental Report 2021





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2021 Environmental Performance Report

Company Introduction

Company SRIXON SPORT MANUFACTURING (THAILAND) CO., LTD. (SSMT)
Location Kabinburi Industrial Zone, location in eastern Thailand
 (190 kilometers away from Bangkok)
Business Commencement Date December 21, 2007
Area 36,800 square meters
Number of employee In 2020 ~ 334 persons

Business Operation

Manufacturing of tennis balls under the customer-defined conditions, requirements, as well as customer needs. Most of SSMT products are certified by ITF (The International Tennis Federation).

Certification



ISO 9001 : 2015
Certificate No : TQ-073
23 January 2024



ISO 14001 : 2015
Certificate No : 10214330
4 December 2022



Environmental Message



Jun Yamakawa
Managing Director

I am Jun Yamakawa, the Managing Director of Srixon Sports Manufacturing (Thailand) Co., Ltd. We've run our business, keeping the environment in mind and appreciating its value. Currently, the people around the world are facing the difficulties which are caused by the pandemic. However, in the midst of these obstacles, we have thrived and adapted our business to the new normal without losing hope. In the midst of this new normal, I believe that there are a lot of things that we can do in the tennis-related business. Heartily, I am pleased to be a part of this contribution.

We have supported and promoted our business activities to align with the philosophy of the SDGs. SDGs stands for Sustainable Development Goals, our tennis balls manufacturing is performed contributing to the promotion of sustainable society. Last year, we improved a tennis ball to have greater endurance; 1.5 times longer. This extends the lifetime of a tennis ball. Moreover, we this year we have quit using some packages, aiming to reduce the use of plastics. From now on, we will strive to carry out various activities to fulfill the needs and expectations of stakeholders continuously.



Yusuke Tanigawa
Technical Advisor and SE Manager



Environmental Message



Don Prapipek
General Manager

We are committed to caring, preserving and placing the importance on the environment in order to prevent the destruction and depletion, and in the meantime reduce the global warming. The wasteful energy consumption has been reduced. This commitment is to preserve the better environment and climate for the future generations.

Hello my friends and colleagues, this year is another year that we have to contribute to the environmental conservation to strengthen the sustainability of the global environment which is being severely destroyed by humans and natural disasters. We all can help preserve the environment simply by not destroying and in the meantime utilizing efficiently. To avoid the global warming, water and energy saving and economical use of papers need to be implemented. In addition, we can take part in nature restoration simply by planting trees. Let's do it together.

This year is a tough year for all of us due to the COVID-19 pandemic. Please take care of yourself and I wish you all good health.



Porntip Siriban
General Manager



Environmental Message



Kruawan Kallayasiri
PE&QA and R&D Manager

As a supervisor responsible for the company's product development.

We need to have the environmental awareness and take into account the environmental matters as a part of the product development process. We must take into account the use of reusable and eco-friendly materials. The manufacturing process must be designed effectively and the less energy-intensive production method must be selected and applied. Over the past two years, our newly-launched products have been produced taking into account the environmental matters. This is to reduce the potential environmental problems and create the true sustainable development.

Every year SSMT conduct various environmental activities and actions; including the reduction of energy consumption such as electrical and heat energy.

Why do we need to reduce the electrical and heat energy consumption? The various energy sources used for generating energy to be supplied for utilities and industrial purpose are the main factor of air pollution and global warming.



Surin Meekham
Engineering Manager



Environmental Message



Supattra Kaewsombat
Production Manager

As a manufacturer, we must produce environmentally friendly products and pursue sustainable development.



Company Policy

1. Deliver the excellent products from the safe and comfortable workplace worldwide.

- Create a safe and comfortable workplace
- Provide the workplace having the balance between quality, cost and production
- Achieve the unprecedented high production requirements

2. Strengthen the management foundation for business sustainability.

- Realize and achieve the roles and responsibilities under the new organizational structure
- Focus on credibility and reliability and strive to achieve it for our business sustainability
- Flexibly respond to the environmental and climate changes. Maximize the profits of our tennis business

3. Self-development and organizational development adjusting to the new normal to be a recognized tennis ball manufacturer.

We must develop ourselves to grow beyond the global limitations

Development will become the valuable property of each individual and the company as well

- Each individual develops oneself and in the meantime mutually develop the organization
- Committed to improvement and development without fear of failure

Jun Yamakawa

Managing Director

January 1, 2021



Safety and Occupational Health, Environment, Quality Policies

Srixon Sports Manufacturing (Thailand) Co.,Ltd. As manufacturer of high quality and excellent service Tennis Balls incorporates important the risks, both internal and external. Related to quality, service, environment, occupational, health safety and working conditions of our workers to attain high level of customer's satisfaction and working standards of our company.

In serve these objectives, our company has undertaken to implement the following :

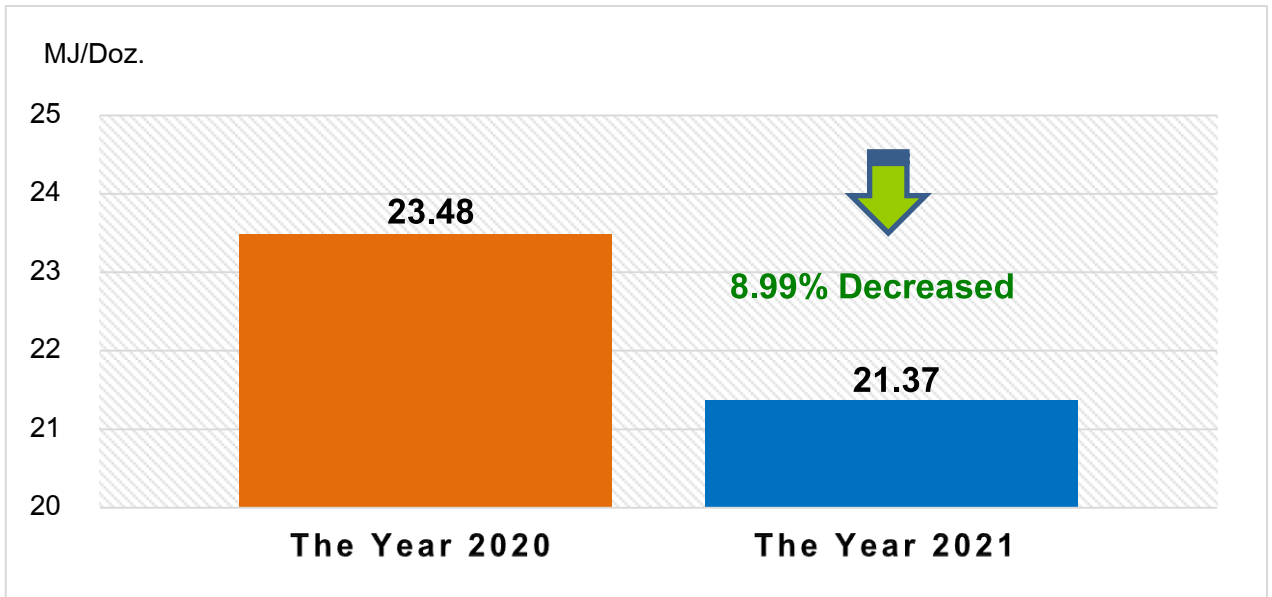
1. Timely Delivery to meet customer's satisfaction.
2. Reduction and prevention of possible risks of accidents upcoming with employee, contractor, sub-contractor, visitor and company.
3. Abide strictly to rules and regulations relating to environment, occupational health and safety issues.
4. Commitment to the identification and evaluation of environment aspect and impact still focuses on activities, production process, product and company service related environmental. And resources can be used to achieve maximum benefit. To continuously improve operations even further.
5. Updating and continuous development and sustainable of the company's quality, environment, occupational, health and safety activities.
6. Commitment to the safety and Occupational activities for prevention and reduce of injuries and health for all employees.
7. Commitment to the environment activities for protection and prevention of pollution.
8. Active participation and involvement with environmentalists by sharing company's environment policies.

Jun Yamakawa
Managing Director



Energy Consumption during 2019 -2020

In 2020, the ratio of energy consumption per output unit decreased by 8.99% compared to year 2019: 23.48 MJ/dozen in 2019, and decreased to 21.37 MJ/dozen in 2020.



With the collaboration between the management and all employees, the various energy conservation projects have been created covering the electricity energy conservation, thermal energy conservation, and the environmental protection and preservation.

In 2020, there were four projects of energy and environmental conservation and preservation projects created and implemented. Moreover, a project of product lifetime extension was created and implemented.



Guidelines for reducing the Electrical Energy consumption.

From the concept of "Reducing the unnecessary losses", the energy-saving activities have been created as follows:

1.) Replacing the existing air conditioners with high energy- efficient system (Inverter system) - five air conditioners replaced.

Five units of over ten-year-old air conditioners were replaced with high energy- efficient ones. This helps us reduce the cost of electricity consumption by 44.29%, or 0.73% decreased when compared to total electricity consumption in 2020.

BEFORE



AFTER

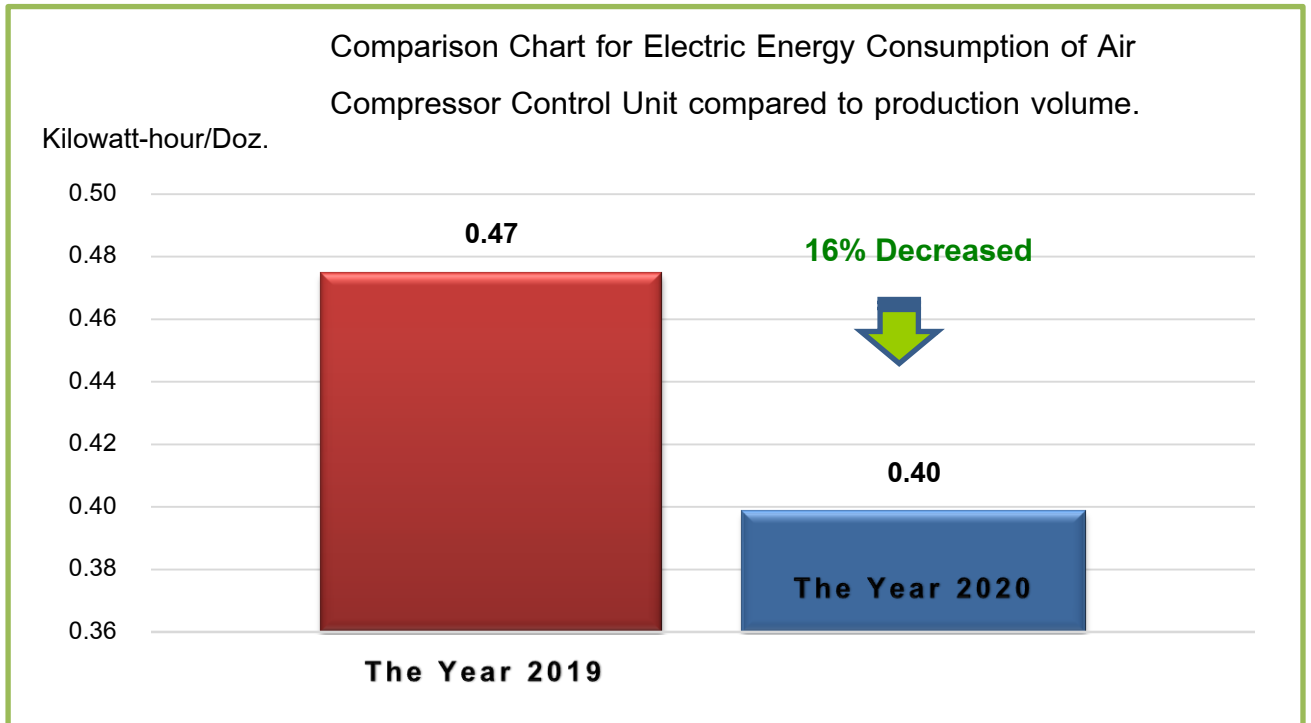




Guidelines for reducing the Electrical Energy consumption.

2.) Air Leakage Correction throughout the production areas.

After we performed the air leak surveys covering the machines and piping system, 10 air leak points were detected and corrected. This helps us reduce the electric energy consumption of air compressor control unit by 16% or 0.07 kilowatt-hour/dozen.

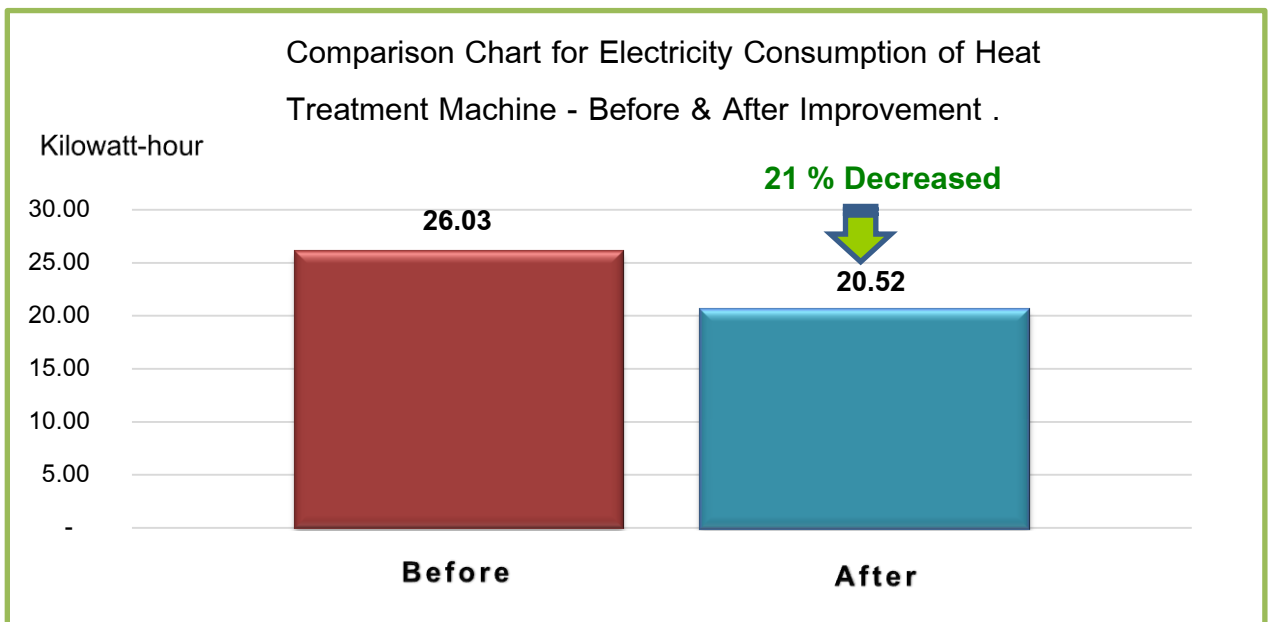




Guidelines for reducing the Electrical Energy consumption.

3.) Mold insulation of 4 heat treatment machines.

To reduce the amount of electricity consumption caused by heat loss. With the idea of insulating the mold of heat treatment machine to reduce heat loss on the mold surface, molds were insulated properly. As a result, the electric heater operates effectively and economically. This helps us reduce the electric energy consumption by 21%.



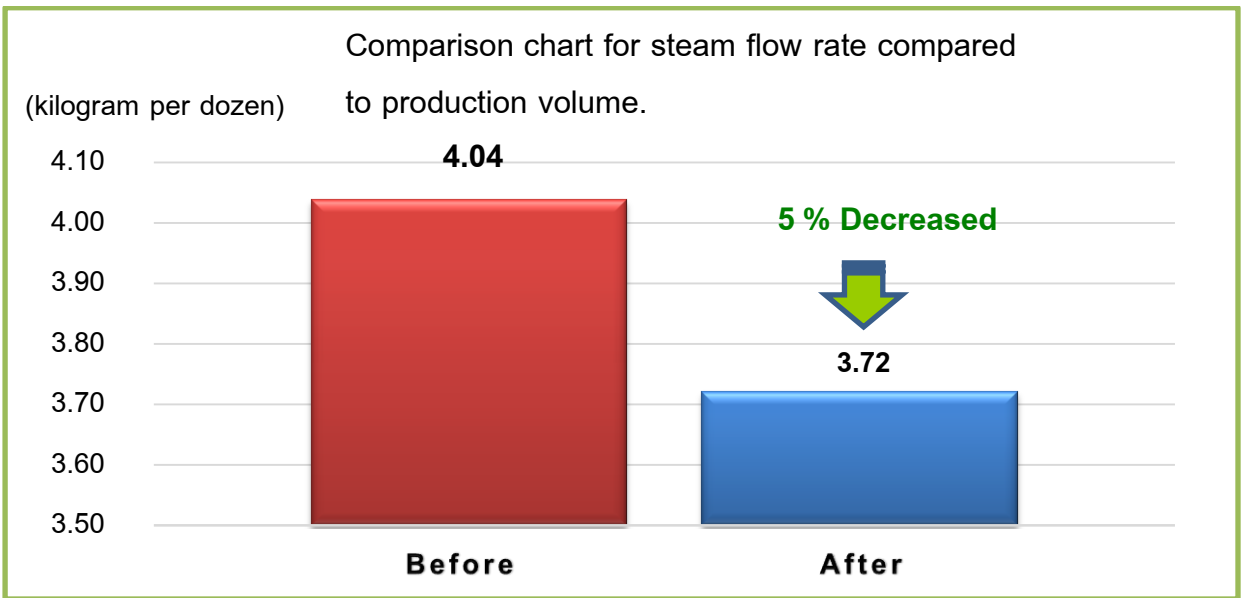


Guidelines for reducing the Thermal Energy consumption.

4.) Project of termination of mold heat treatment to reduce the temperature (heat)

At the third stage of heat treatment process, the empty molds are heat treated to reduce their temperature preventing from quality problem. This specific heat treatment process is carried out 32 times a day, consuming large amount of steam.

Therefore we have applied the best method for improving the temperature reduction process that is the cooling system. This helps us save fuel oil consumption up to 15,000 liters/year, equivalent to 2.59% or reduced by 5% if compared to steam flow rate per dozen.

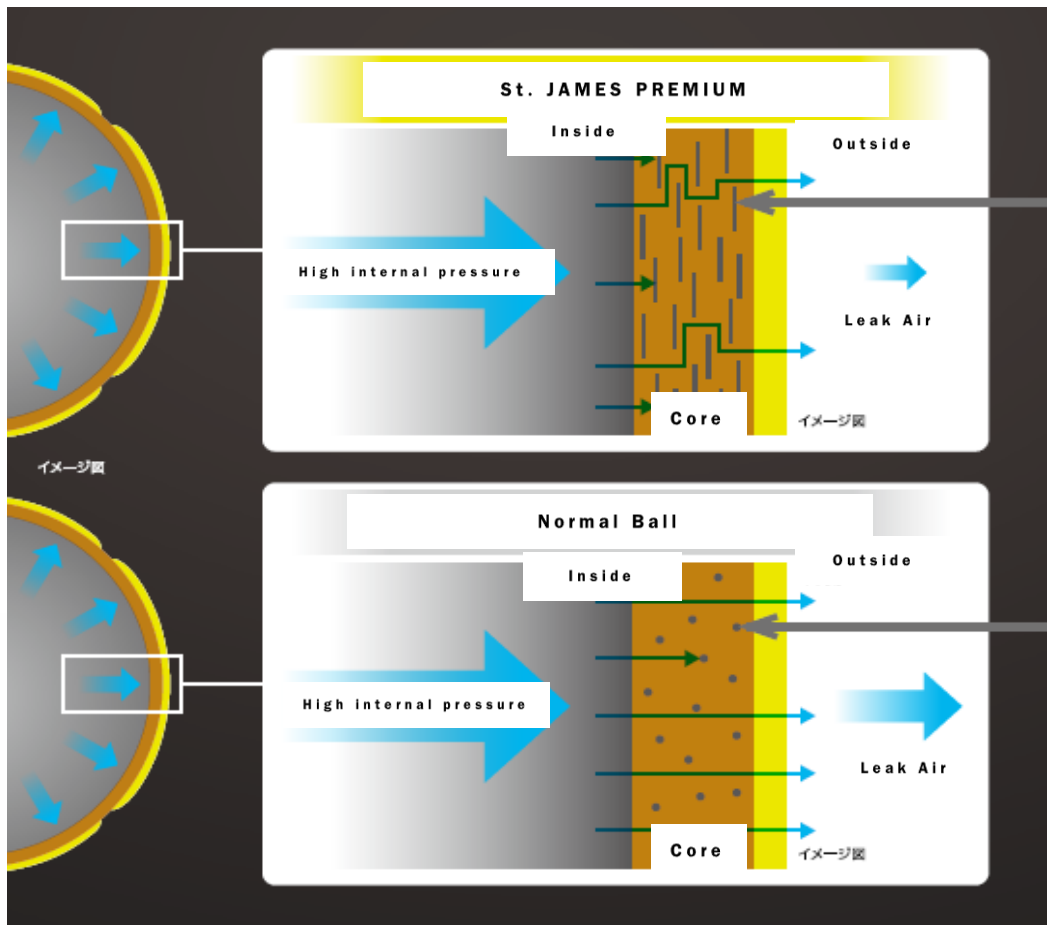




Guidelines for product lifetime extension.

Product development for 1.5 times-longer lifetime.

We have developed product formulas in order to better retain the air inside a tennis ball in order to enhance its performance and extend the product lifetime - 1.5 times longer. With this improvement, the lifetime of tennis ball is extended and its properties are improved. This allows players to use a tennis ball longer without any change to its original properties. All of these development and improvement lead to the sustainable environment.





Environmental and Safety Activities

Emergency Drills



Chemical spill response and clean up training.



Basic fire fighting training and annual fire evacuation drill, attended by 100% of company employees (both day and night shifts).



2021 Environmental Performance Report

Corporate Social Responsibility (CSR)

Reforestation project to commemorate Her Majesty Queen Sirikit and reduce the Global Warming.



SSMT representatives participated in tree planting at the Wang Takhian reforestation area under the supervision of Wang Takhian Subdistrict Administrative Organization and the Royal Forest Department, Prachinburi Province, for the benefit of neighboring communities. One thousand seedlings were planted in this event.





Corporate Social Responsibility (CSR)

CSR Project



SSMT employees joined to produce face shields for donation to medical personnel at Kabinburi Hospital and Chao Phraya Abhaibhubejhr Hospital.



Energy Conservation in the Employee Perspective



Energy conservation means the efficient and economical use of energy. This is not only reducing the amount of energy consumption that helps us save the factory costs, but also reducing the environmental problems encountered. Many projects of energy conservation are conducted throughout our factory. These beneficial activities help us promote a good organizational image, and in the meantime encourage all employees to be aware of and place the importance on the economical use of water and electricity.



Establishment of energy conservation projects within the company is beneficial to both employee and organization itself. It is publicized and communicated throughout the company. The typical activities are slogan writing competition and Q&A session participated by SSMT employee. These activities enhance the environmental awareness of employees and make them aware of energy consumption that can be applied in everyday life.



The energy conservation activities are the activities that help us save electrical and heat energy and also reduce wasteful expenses. Various activities carried out encourage SSMT employees to have knowledge of energy conservation that can be applied in everyday life to help reduce energy consumption and also global warming crisis.

SRIXON[®]



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