

**Environment Preservation**

The Company considers the control over the use of natural resources as a key to sustainable development, which also requires the cooperation of employees in the organization. The Company fosters the corporate core value that the development of the society is a consequence of the balance development from economy, quality of life as well as environment and natural resources preservation. The Company therefore undertakes businesses with due regard for responsibilities towards the environment. In this regard, following policies and guidelines have been prescribed.

1. Businesses shall be undertaken in accordance with laws, regulations and policies on the environment with due regard for the impact on natural resources and the environment and regular revisions and assessments of performance results shall be undertaken.
2. An organizational culture and consciousness of employees at all levels shall be promoted to encourage cooperation and responsibility for the efficient and sustainable management of the environment and utilization of resources.
3. Knowledge promotion and environmental training shall be extended to employees.
4. Environmental management system shall be promoted, from the economical use of resources to the sustainable treatment and rehabilitation, replacement, monitoring and prevention of impact on natural resources.
5. There is a system for selection of trade partners in the value chain who undertake businesses in an environmentally friendly manner.
6. Environmentally friendly technology are developed and published.

**Recyclable Materials**

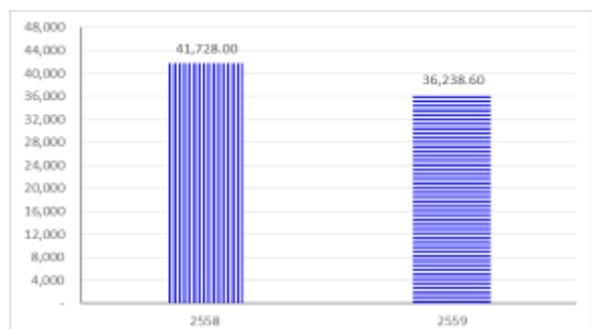
Srida Green Product is an energy saving innovation which can help to reduce global warming and preserve the environment. The Company has started manufactured such product since 2014. Because of the realization that our world are undergoing serious environment issues both in wasting of natural resources and a great deal of garbage which takes hundreds of years to decompose such as a plastic bottle, the Company intends to be a part to preserve the environment by using



fabric woven by a thread that is produced from cotton fiber blended with fiber called Polyethylene Terephthalate (PET). Such PET fiber is developed from used plastic bottles that undergoes melting process, turns into fiber and is woven into recycled polyester yarn. PET innovation is considered as a modern technology which can recycle used plastic bottles into polyester yarn with the characteristic of water repellent, stain resistance and easy to clean.

**Water Conservation**

The Company has a measure to encourage employees to turn off the tap after use and to assign security officers to check after the office hours. Organizational awareness is also instilled to employees



The statistics of water usage in the past 2 years

so that they can help to inspect if there is a broken or leaked faucet and inform related units for urgently repair. The administration unit and all employees are responsible for sustaining the water system. For example, water pipe and tap should be maintained in a good condition. As for the internal communication, the Company has put up a poster regarding the water conservation campaign at the restroom areas in every building.

### **Petrol Conservation**

1. Encourage employees to plan and share the route to conserve the petrol and turn off the car engine while parked.
2. Frequently have car engine maintenance
3. Do not load products more than the capability of the car as it will consume more petrol
4. Check the fuel tank that there is no leak to conserve the petrol and avoid polluting the environment from leaking fuel.

### **Reduction the Use of Air in Compressed Air System**

1. Maintenance department is responsible for checking the leak of air in air pipe and the condition of the equipment in compressed air system.
2. The other departments is also expected to oversee the leak of air and, if there is a case, to inform the maintenance department for immediate repair.

### **Paper Use Reduction**

1. Reuse paper when printing the documents which do not require new paper.
2. Encourage to send information via email, internet, local area network or a handy drive.
3. Dispose the used paper, printing media paper, pamphlet, or any external documents which cannot be further used at the provided box for non-recycle paper for sale. It will be sold to the paper shredding company.

### **Energy Conservation**

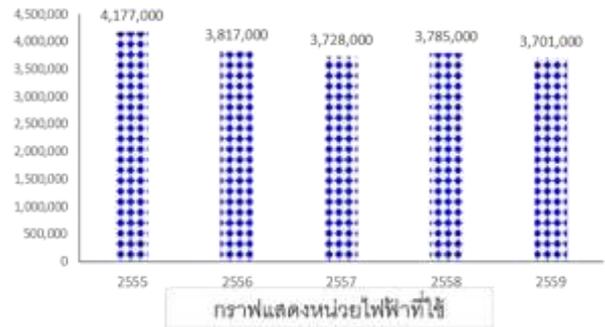
The Company appreciates the importance and value of energy, and has thus consistently undertaken energy management activities within the Company. A conscience on energy conservation as a core value has been instilled and it is the duty of all employees to cooperate in the management of energy and most productive utilization of energy. The Company has appointed an Energy Management Working Group comprising representatives of various internal work units to coordinate energy conservation operations to ensure the realization of the following policies and objectives.

1. The Company undertakes to implement and develop a suitable energy management system which shall stipulate energy conservation as a core component in the Company's operations in accordance with the law and other relevant prescriptions.
2. The Company undertakes to improve the efficiency of energy resource utilization by the organization on a continual basis and in line with its business, technology applied and good practices.
3. The Company undertakes to prescribe an annual plan and target for energy conservation, which shall be communicated to all employees to ensure understanding and proper compliance.
4. The Company regards energy conservation as the responsibility of executive officers and employees at all levels who shall cooperate in the implementation of the prescribed measures, monitor, inspect and report to the Energy Management Working Group.

5. The Company will provide all necessary support, including human resources, funding, working hours, training and participation in the submission of comments to improve energy operations.

6. The management and Energy Management Working Group will review and revise policies, targets and energy plans every year.

The Working Group oversees and is responsible for energy management to ensure consistency with energy conservation policies prescribed by the Company. This is achieved by coordinating with all relevant work units, including organizing training and energy conservation activities as suitable for employees in each work unit. In any event, the energy conservation policy and energy management has been continually revised, and suggestions relating to policies and energy management procedures have been collected and transmitted to senior executive officers for acknowledgement. In 2016, the Company has implemented energy conservation campaigns as follows:



1. Inspection of steam traps in steam irons and machinery which uses steam has been drawn up. Replacements are swiftly installed whenever a breakage is found in order to clear condensate and reduce loss of steam from the system, which has saved 2,526 liters of fuel oil a year, equivalent to 39,000 Baht per year.

2. Inspections of air leaks in the air compression system are carried out every 3 months to minimize air loss at the joints of various air instruments and to conserve energy consumed by the operation of air compression units. The percentage of air leaks in the air compression system now stands at 3 percent, whilst the standard level of air leak in the air compression system prescribed by the Energy Conservation Department is 5 percent. The Company has therefore saved 4,380 units of electricity energy per year, or equivalent to 18,000 Baht a year.

3. Clutch motors and Servo motors are gradually replaced by high efficiency motors thereby enabling energy economy. Clutch motors and Servo motors operate continuously whereas high efficiency motors only operate when activated.

4. 'Energy: Importance and Conservation' training for employees was arranged. The objective is to promote the realization of energy conservation and maximized consumption. 3 sessions was held: in April, July and October 2016 with 160 participants in total.

5. Notice boards and stickers publicizing various energy conservation campaigns have been set up at various locations, as well as a book corner to disseminate knowledge relating to energy conservation to employees.

6. The maintenance plan for air-conditioning system in the factory as well as the office, machines and electric transformers has been organized. Lighting system has been enhanced with light reflecting material while the light bulb has been covered to prevent the dusts and fire incident caused by sparks. These maintenance plans have improved the effectiveness of air-conditioning system, machines, electric transformer, lighting system as well as the other electric compliances, which has saved the electricity consumption for around 5-8%

**Emission of Air Pollution**

The Company is fully committed to preventing the emission of air pollution to the communities surrounding the Company. In 2016, the Company regularly reviewed and executed the maintenance plan to retain the full efficiency

1. Daily check the boiler, weekly clean the soot removing water spray and soot filtering cyclone.
2. Fully inspect the boiler yearly by licensed company in order to apply for safety assurance.
3. Test the acidity (pH) of the water that underwent hardness removal process from the boiler every 6 months. For the result, on 7<sup>th</sup> October 2016, the input water had the pH scale at 7.2 at 25 degree centigrade (the benchmark is 5.8 – 9.5) while the output water has the pH scale at 10.7 at 25 degree centigrade (benchmark is 8.5-11.8)
4. Check the optical density of the soot from funnel every year according to the law. On 7 October 2016, the result was 2.12% which was lower than the standard set at no more than 10%.



### Wastewater Treatment System Project

In 2015, the Company has devised an environmental management system with an objective to conform to the ISO 14001 and legal standard environmental management regulations. “The improvement on wastewater treatment system” has therefore been implemented by building 2 cesspits to store the Company’s wastewater. The sewer system has been reorganized. With the help of water pumps, the wastewater is transferred through pipes from cesspits to 3 settling basins which use sedimentation to remove settleable matter and turbidity from wastewater then discharge the purified water to public sewers. Furthermore, effective microorganisms have been used to balance the water. 2016, the purified water discharged to public is also tested in laboratory. The result is above benchmark which means that the water does not pollute environment and communities. The results of the purified water after wastewater treatment are as follow:

No.	Parameter	Test result	Standard	Qualification
1	pH	7.5at 25°C	5.5 – 9.0	☑
2	Biological oxygen demand	5.0 mg/l	20 mg/l	☑
3	Chemical oxygen demand	<40 mg/l	120 mg/l	☑
4	Suspended soilds	7.0 mg/l	50 mg/l	☑
5	Total dissolved soilds	190 mg/l	3,000 mg/l	☑
6	Oil & Grease	<1.0 mg/l	5 mg/l	☑
7	Total Kjedadhl Nitrogen	3.5 mg/l	200 mg/l	☑

Water and wastewater standards: the announcement of the ministry of industry, 2nd issue (1996), regarding the characteristics of wastewater discharged from industrial plants

### Waste Sorting

Nowadays, the issue of waste and garbage keeps aggravating as Thai people don’t dispose litter at the proper provided places resulting in environmental pollution. The Company therefore attaches its importance to waste disposal and sorting. Besides, the “Waste Sorting” Campaign has been initiated to promote and educate employees how to properly litter. The major waste of the Company can be mainly divided into 2 types:

1. Industrial Waste – this waste includes any material that is rendered useless during manufacturing process such as fabric scraps, threads, and batteries, etc. This kind of waste of which some contain toxic pollutant requires specialized treatment. The Company therefore establishes a new building for keeping and sorting industrial waste in order to deliver to the industrial waste treatment and disposal Company certified by law for further demolition.



ถังขยะสีต่างๆที่ใช้เก็บขยะในบริษัท

2. Office Waste – the office waste is produced by works at the office such as paper, bottles of water, glasses, etc. This kind of waste can be recycled and added values. The Company categorized office waste into 3 groups: general waste, recyclable waste and hazardous waste so that the Company can encourage the awareness of waste sorting. Training has been extended to all workers to educate them about the types of waste, waste container, waste separation and storage. The garbage bins in different color for different kind of waste have been provided to employees.



After the launch of “Waste Sorting “campaign” in 2016, it is found that correctly sorting the garbage helps to promote better health wellness and environment.