

Toshiba Tec Malaysia Manufacturing Sdn. Bhd. Site Report Information

Address: Plot 111-A, Hala Kampung Jawa 2, Bayan Lepas Industrial Estate, 11900, Bayan Lepas, Penang.

Lot area: 28,686 m², Building area: 12,478 m², Green ratio: 17%

Establishment: : Feb. 1, 1991, Employees: 401 (as of June 2022)

Major products: Option for MFPs, PSU, & Fax kit

ISO 14001 certified: Apr. 1998, Latest update: July 2021
(ISO Certificate reg. number: 01 104 1935850)



Message from Environmental Preservation Chief

To promote environmental awareness as follows:

- The reduction of CO2 emission
- Reduction of chemical substance emission
- 3R (Reduce, Reuse and Recycle)
- Minimize the depletion of natural resources - water saving activity
- Promote CSR activity at TTMM
- Continue to support conservation of biodiversity



Reshminder Singh
Asst. General Manager
/ General Administration

Major environmental activities in 2021

☆ ISO 14001 Environmental Management System

Certification obtained in Apr. 1998, Continuation Assessment in July 2021.

☆ Enforcement of environmental preservation system - 7th Action Plan

Compliance with laws and regulations; reinforcement of on site management

☆ Reduction of chemical substance emissions

Reduction of chemical substance emissions per basic unit of output by 78% from FY2003 level (target: 22% reduction).

☆ Reduction in CO2 emissions

Reduction of CO2 (energy) emission per basic unit of output by 87.5% from FY2003 level (target: 13.5% reduction).

☆ Reduction in waste emissions, continuation of zero waste emissions

Reduction of total waste emissions by 70% from FY2003 level (target: 18% reduction).

☆ RoHS Compliance

All the products are RoHS compliant.

Environmental Month June 2021

Environmental awareness program

- Schedule Waste Management information in TTMM
- Water Saving Tips

Employee education and training

- Chemical spillage drill

Corporate social responsibilities

- This activities cannot be conducted due to Malaysian government restriction to control the COVID-19 pandemic

Development of products and environmental technologies, Environmental consideration point



T-LCF

MFP OPTION RADF



FINISHER



FAX KIT

Toshiba Tec Malaysia Manufacturing Sdn. Bhd.

Integrated Management System (IMS) Policy

We, Toshiba Tec Malaysia Manufacturing Sdn. Bhd. a manufacturer of electronic products are committed to enhance our customer satisfaction and stakeholder's expectation;

Continual improvement for product and service quality

Create quality products and services with pride and passion, keeping our customers in mind all the time and everywhere. TTMM is committed to continually improve its QMS by ensuring customers and other relevant requirements are conformed.

Actively participate in environmental protection & reduce environmental impact in our business process

Reduce the environment impacts of business process particularly on the prevention of global warming, efficient utilization of natural resources, control of chemical substances, conservation of biodiversity, conformance to Toshiba Tec Green Procurement guideline and set voluntary control limits whenever possible and contribute to achievement of Sustainable Development Goals (SDGs) in accordance with Toshiba Tec directive. TTMM is committed to continually improve its EMS by ensuring customers and other relevant requirements are conformed.

Develop health and safety conscious operation

Foster a safe and healthy work culture among workers by allocating resources and training. Provide a safe and healthy workplace by integrating safety & health into our daily business decisions and processes. TTMM shall continually engage workers and promote participation of workers in OSH related continual improvement activities. As part of commitment towards zero-accident at workplace, TTMM shall continuously assess and eliminate occupational hazards and risks.

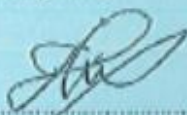
Ensure the IMS is conforming to the standards of ISO 9001, ISO 14001, ISO 45001, complying with applicable legal requirements, Sustainable Development Goals (SDGs) in accordance with Toshiba Tec directive and other requirements.

Periodically set, review & assess the risk related to quality, environment, health and safety to ensure it remains relevant and appropriate.

Make available and communicate this policy to interested parties, all persons working for and on behalf of TTMM.

We shall continually educate our employees to uphold the integrity of the IMS.

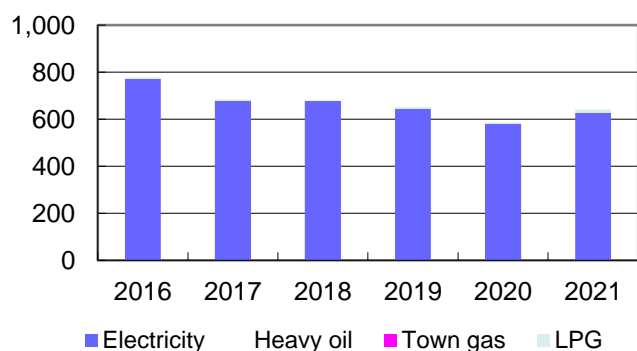
This IMS Policy shall form the framework for setting the quality, environmental and occupational safety and health objectives.



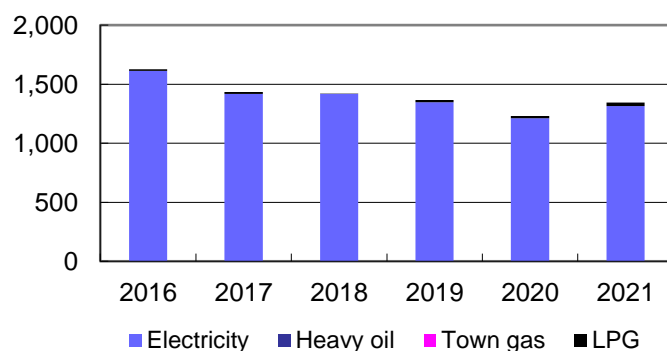
TOMOYUKI HIDAKA
Managing Director
01 August 2020

Environmental load data

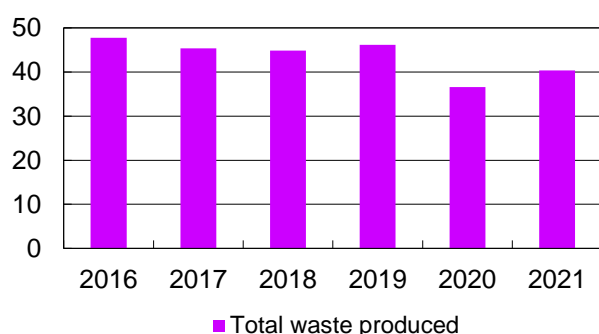
Energy usage (unit: KL)



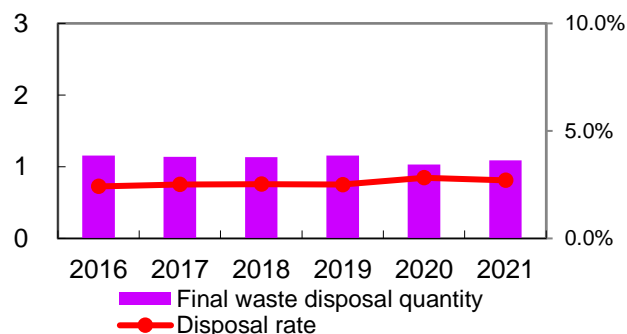
CO₂ emission (unit: ton-CO₂)



Total waste produced (unit: ton)

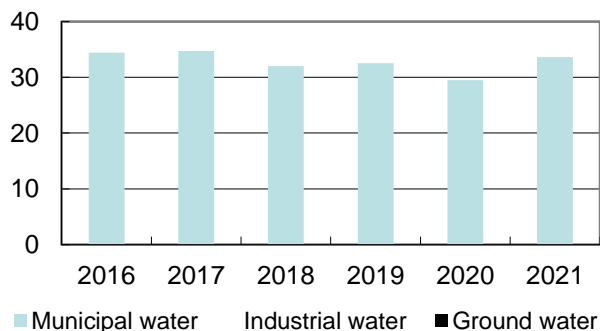


Final waste disposal quantity & disposal rate (unit: ton,%)

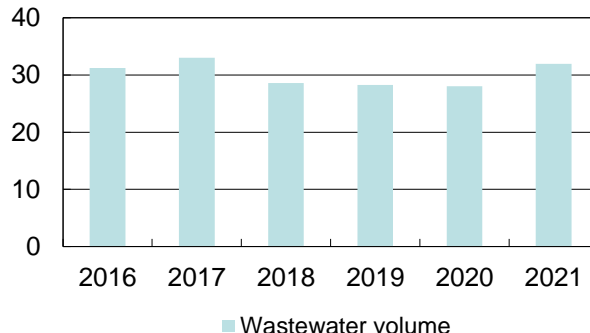


Major wastes: metal, plastic, paper

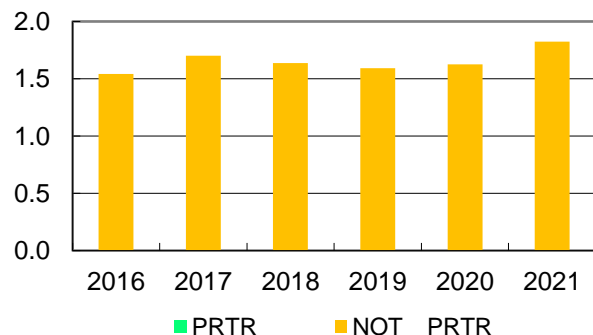
Water usage (unit: 1,000m³)



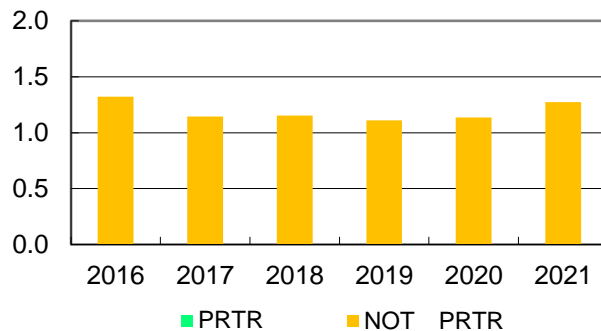
Wastewater volume (unit: 1,000m³)



Handing substances (unit: ton)



Substances volatilized and released to water (unit: ton)



Major chemical substances: IPA, Acetone

Compliance management

Atmospheric measurement results (multi-pipe small-type through flow boiler (city gas): X units)

	Regulation value	Self-control value	Actual measurement	Measurement frequency
NOx (ppm)	NA	NA	NA	NA
SOx (Nm3/h)	NA	NA	NA	NA
Soot & dust (mg/Nm3)	NA	NA	NA	NA

Wastewater measurement results (major results) (Facility (acid/alkali surface treatment facility: Wastewater is discharged to rivers.

	Regulation value	Self-control value	Actual measurement	Measurement frequency
Hydrogen ion concentration (pH)	NA	NA	NA	NA
BOD (mg/l)	NA	NA	NA	NA
COD (mg/l)	NA	NA	NA	NA
SS (mg/l)	NA	NA	NA	NA
Nitrogen (mg/l)	NA	NA	NA	NA
Fluorine (mg/l)	NA	NA	NA	NA

Noise & vibration measurement results (specific facilities (noise: 1 (Air Compressor), vibration: 0

	Location: Time	Regulation value	Self-control value	Actual measurement	Measurement frequency
Noise (dB)	Lot boundary: Day	70	65	56.7	1 time / 5 year
	Lot boundary: Night	60	55	51.2	1 time / 5 year
Vibration (dB)	Lot boundary: Day	NA	NA	NA	NA
	Lot boundary: Night	NA	NA	NA	NA

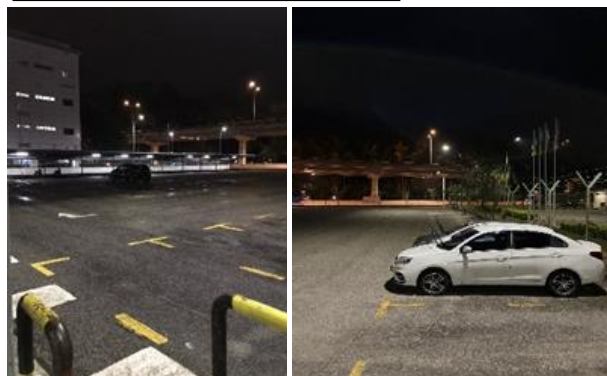
Other measurement results (Sewage Water Law: Major results)

	Regulation value	Self-control value	Actual measurement	Measurement frequency
Hydrogen ion concentration (pH)	NA	NA	NA	NA
BOD (mg/l)	NA	NA	NA	NA
SS (mg/l)	NA	NA	NA	NA

Environmental accidents, administrative advices and complaints

	State
Environmental accident	None
Environmental problem around the factory and in the local area	None
Administrative advice or direction	None
Complaint from neighboring residents	None

<Global Environmental Action>



TTMM has reduced car parking streetlights by 50% after employee return from work in the night.

Environmental communication – TTMM Environmental Month 2021 Activities

The information of TTMM schedule waste management was shared to all employee through information sharing at canteen TV display and employee notice board.



Water saving tips was displayed to TTMM employee at the notice board.



Chemical Spillage Drill on 13-Dec-2021 aimed to test for emergency preparedness and response to prevent chemical discharge to drain or river and to ensure Emergency Response Team (ERT), security and chemical handlers act promptly in case of any emergency. Chemical spillage drill for FY2021 was done at the 1st floor production area.



Conservation of Biodiversity – Continue support of Penang's turtle conservation program

This activity cannot be conducted due to Malaysian government restriction to control the spread of COVID-19 infection. The activity will be conducted in FY2022 during Environmental Month.

Environmental targets

The main Environmental targets for FY2022.

Item	Indicator	Target for FY2022
Global warming prevention	In the ratio of CO2 emissions to net output relative to FY2003	14% reduction
Optimization of resources	In the ratio of total amount of waste generated to output relative to FY2003	24% reduction
Control of Chemical Substances	In the total emissions of chemical substances to air and water relative to FY2003	24% reduction

Environmental objectives

The main Environmental objectives for FY2024.

Item	Indicator	Objective for FY2024
Global warming prevention	In the ratio of CO2 emissions to net output relative to FY2003	15% reduction
Optimization of resources	In the ratio of total amount of waste generated to output relative to FY2003	26% reduction
Control of Chemical Substances	In the total emissions of chemical substances to air and water relative to FY2003	26% reduction