

**Toshiba International Corporation Site Report Information**

Address: 13131 West Little York, Houston, Texas 77041
Lot area: 267,083 m <sup>2</sup> , Building area: 74,322 m <sup>2</sup> , Green ratio: 72.2%
Establishment: 1967 Employees: 980 (as of March 2011)
Major products: Motors, Uninterruptible Power Systems, Adjustable Speed Drives, Rail Support, Instrumentation and Process Control Equipment, Power Distribution
ISO 14001 certified: December 2003 Latest update: October 2009 (ISO Certificate number: 9Z891-EM3)



**Message from Environmental Preservation Chief**

It is the stated goal of TIC to be an “ECO Business” leader in the US Green Energy market. This means providing products, systems and services that benefit society and the environment. It also means promoting innovative ideas and solutions that reduce the impact our business activities have on the environment. Our environmental slogan, “One World, One Environment, One Chance” (to make a difference), encompasses all of these efforts.



Environmental Preservation Chief  
Chad Reed

**Major environmental activities in 2010**



**Environmental Audits/Programs**

- ISO 14001:2004 Surveillance Audit March 3-4, 2011.
- Maintained membership with the Texas Commission on Environmental Quality Clean Texas Program at the Platinum Level.

**Participation in Toshiba’s Global Tree Planting initiative**

- TIC employees and their families helped to clean up a local park and planted 40 trees.

**Annual Environmental Awareness Month**

- Presented weekly Environmental *Lunch and Learns* for the employees.
- Hosted electronic scrap recycling event for the community and employees.
- Planted a large tree at TIC in honor of Mr. Shimono.



**Development of products and environmental technologies, Environmental consideration point**

**Lean,  
Mean,  
& Green**



**Higher Efficiency**  
+  
**Higher Torque Ratings**  
+  
**Lower Vibration Ratings**  
=  
**Reduced Cost of Ownership**

<http://www.toshiba.com/EQPGlobal/>

**Environmental communication**

- Annual *Environmental Awareness Month* for employees
- Articles on environmental activities and updates in the *Toshiba Times*
- Five Environmental, Health, and Safety Notice Boards throughout the facility
- Submission of five regulatory reports sent to corresponding regulatory agencies
- Bi-Annual *Environmental Action and Stewardship Team Meetings*



**TOSHIBA**  
Leading Innovation >>>

# Quality, Environmental, Health, and Safety Policy

Toshiba International Corporation (TIC), Industrial Division and Power Systems Division, is committed to complying with all customer and regulatory requirements, internal procedures, and voluntary programs to which it subscribes. We, as an organization, strive for excellence in our quality, environmental, health, and safety activities in order to meet and exceed the expectations of our customers, employees, and community.

**In order to uphold our commitment, we work as an integrated team to achieve and continually improve upon key objectives:**

**Quality** – Offering the best products and services resulting in superior customer satisfaction

**Environment** – Promoting and advancing our environmental efforts including the reduction, reuse, recycling, and conservation of natural resources, within all possible fiscal and technical capabilities, in activities such as but not limited to: construction, facility and process management, product design, and external operations

**Health and Safety** – Providing a safe working environment free of recognized hazards, reducing the risk of harm to employees, visitors, and properties, and ensuring appropriate controls and contingencies exist to address unforeseen events

**Competency** – Providing our employees with the necessary training and tools to successfully implement this policy and perform their work competently

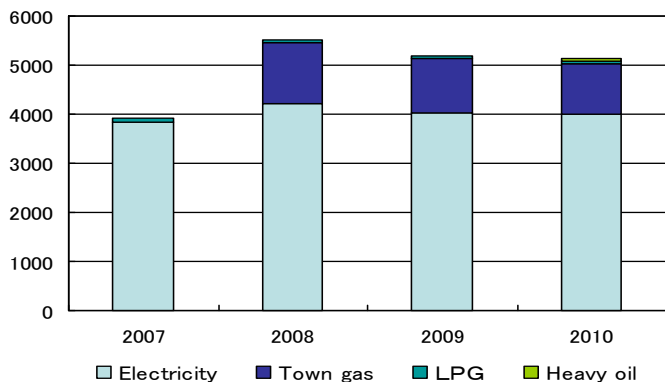
**Corporate Social Responsibility** – Ensuring that our actions positively affect, protect, and sustain the communities where we work and live

TIC senior management acknowledges and supports the organizational objectives outlined in this policy and deems that it is incumbent upon all TIC personnel, associates, and contractors to assess their individual responsibility to fulfill the obligations of this Quality, Environmental, Health, and Safety Policy.

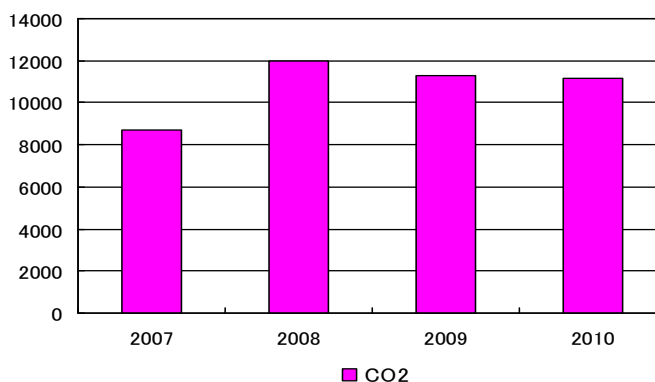
*S. M. C.*  
*Michael Ayon*      *Margaret M. McKay*      *Alan Reed*  
*Stephen T.*      *Richard Waller*      *[Signature]*

**Environmental load data**

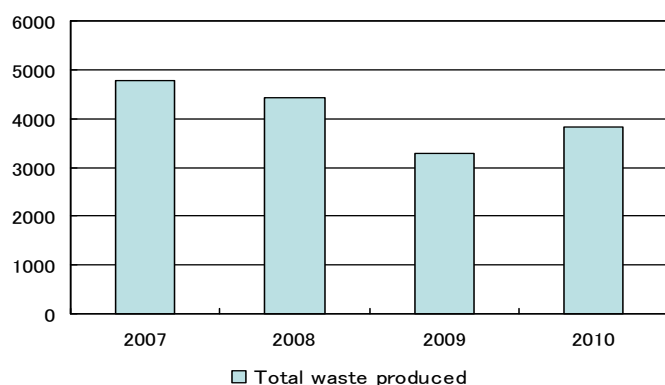
Energy usage (unit: KL)



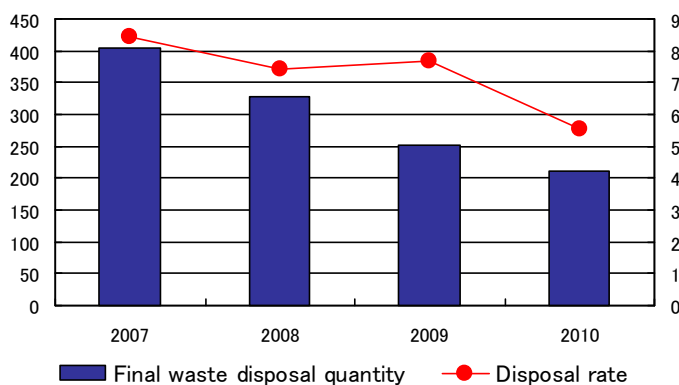
CO<sub>2</sub> emission (unit: ton-CO<sub>2</sub>)



Total waste produced (unit: ton)

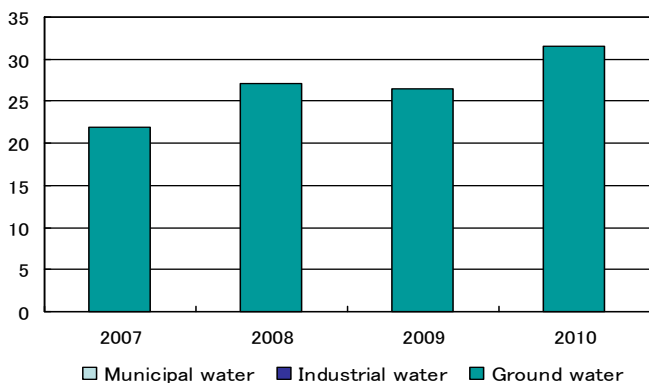


Final waste disposal quantity & disposal rate (unit: ton,%)

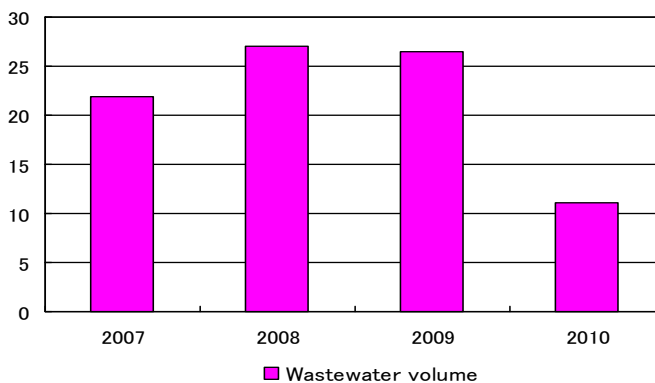


Major wastes: Metal, Wood, Cardboard

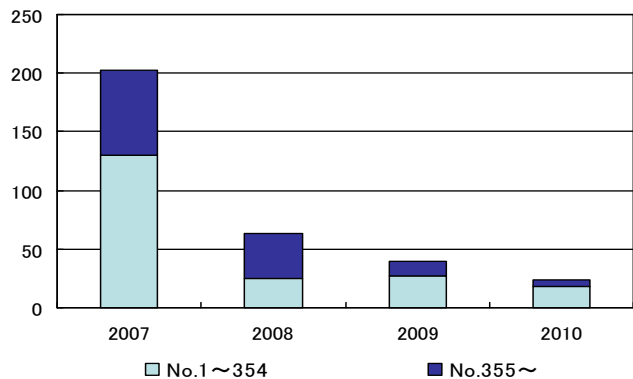
Water usage (unit: 1,000m<sup>3</sup>)



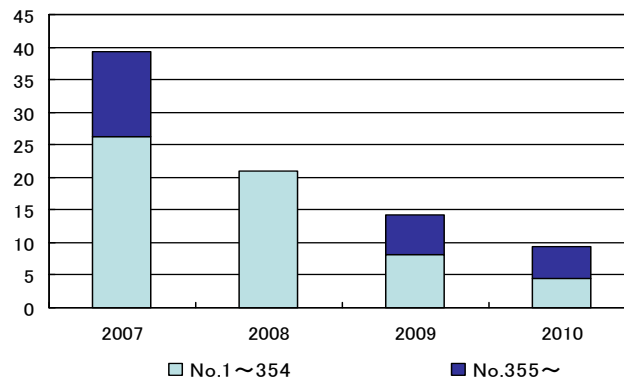
Wastewater volume (unit: 1,000m<sup>3</sup>)



Handing substances (unit: ton)



Substances volatilized and released to water (unit: ton)



Major chemical substances: xylene, ethylene glycol

## Compliance management

### Atmospheric measurement results

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

### Wastewater measurement results (major results) (Wastewater is treated in the wastewater treatment plant and discharged to Horsepen Bayou.

	Regulation value	Self-control value	Actual measurement	Measurement frequency
Hydrogen ion concentration (pH)	6 – minimum 9 – maximum	N/A	7.2 – minimum 7.8 – maximum	Once/week
BOD (mg/l)	10 – average 25 – maximum	N/A	3.6 – average 5.9 – maximum	Once/week
COD (mg/l)	N/A	N/A	N/A	N/A
SS (mg/l)	15 – average 40 – maximum	N/A	8.1 – average 14.1 – maximum	Once/week
Nitrogen (mg/l)	2 – average 10 – maximum	N/A	0.25 – average 0.59 – maximum	Once/week
Fluorine (mg/l)	N/A	N/A	N/A	N/A

### Noise & vibration measurement results (specific facilities (noise: XXX (mech. press), vibration: XXX (mech. press))

	Location: Time	Regulation value	Self-control value	Actual measurement	Measurement frequency
Noise (dB)	Lot boundary: Day	N/A	N/A	N/A	N/A
	Lot boundary: Night	N/A	N/A	N/A	N/A
Vibration (dB)	Lot boundary: Day	N/A	N/A	N/A	N/A
	Lot boundary: Night	N/A	N/A	N/A	N/A

### Other measurement results

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

### 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