

Panasonic Communications (Malaysia) Sdn. Bhd.

Panasonic Group Site Report 2009
FY2009 :April 1, 2008 - March 31, 2009

Address PLO No 1, Kawasan Perindustrian Bebas, KB 104, 81400 Senai,
Johor Darul Ta'zim, Malaysia

Establishment day 1978/9

ISO14001certification date 1997/10 ISO14001renewed 2007/9

Major Products Facsimiles, Multi Function Products with Facsimile, Multi Function Printers, Integrated Telephones Systems and Private Branch Environmental CommunicationFY2009

Information disclosure 1items visitors on factory tour 114persons collaboration with municipality 1items

Contact 07-5976244 TEL: 07-5991801



Message from Compliance Administrator

PCM as the 1st overseas company of PCC, located at Senai Industrial Estate in Johor State, Malaysia. PCM started operation since 29 years ago, producing Facsimiles, Multi Function Products with Facsimile, Multi Function Printers, Integrated Telephones System (ITS) and Private Branch Exchanges (PBX) which contributed towards the economical growth of Malaysia and the world market where customers satisfaction is of first priority.

PCM's Environmental Protection Activity was first started in 1993 to carry out Panasonic Voluntary Plan. In January 1997, PCM officially launched the Environmental Protection Activity towards recognition of ISO 14001 International Standard of Environmental Management System with company-wide participation from all level of employees. Also, PCM had upgraded to ISO 14001:2004 in 2005.



Compliance Administrators
Hidetoshi Baba

Main activities in FY2009

Target	Result
- To reduce 9% CO2 emission against last year by end of FY2009.	CO2 emission achieved target with 110% achievement.
- To reduce 2.9% waste generation against last year by end of FY2009.	Waste generation achieved target with 144% achievement.
- To reduce 2.0% of total release and transfer of Key Reduction Target substance against last year by end of FY2009.	Key Reduction Target substances achieved target with 122% achievement..

Products of Environmentally-conscious information



Model No: KX-PW608DL
Product Name: Personal Fax
Main Feature:

- 1) 2.4GHz Digital Cordless Handset
- 2) 3.9 inch Large LCD
- 3) SD, SDHC memory card support

Point of environmentally-conscious

- 1) Energy Star
- 2) Lead Free
- 3) RoHS Compliance
- 4) Power consumption in standby mode 0.8W (33% reduction from previous model PW607)
- 5) View and Print Function - Reduce paper use
- 6) SD memory card - Reduce paper use



<http://panasonic.jp/fax/>

Model No: KX-PW820DL
Product Name: Personal Fax
Main Feature:

- 1) 4.9inch Large LCD (Touch Panel)
- 2) 2.4GHz Digital Cordless Handset
- 3) SD, SDHC memory card support

Point of environmentally-conscious

- 1) Energy Star
- 2) Lead Free
- 3) RoHS Compliance
- 4) Low Power Consumption in standby mode (0.6W)
- 5) View and Print Function - Reduce Paper use
- 6) SD memory Card - Reduce Paper use
- 7) Text Input for Fax - Input sentence by touch panel, the Fax with character only can be sent without using paper.
- 8) Received Fax Forward - The Received Fax can be viewed at LCD and forwarded without printing.



Model No: KX-MB3020
Production Name: Multi-Functon Printer
Main Feature:

- 1) All-In-One (Scan, Print, Copy, Fax, Network)
- 2) High speed printing: Up to 35ppm (letter)
- 3) Duplex Print and Copy
- 4) Super G3 Fax (33.6kbps)

Point of environmentally-conscious

- 1) Energy Star
- 2) Lead Free
- 3) RoHS Compliance
- 4) Standard Automatic Duplex Printing to reduce paper consumption

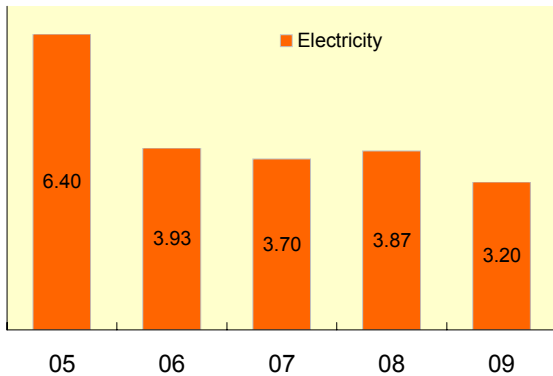
-> link to a product information web-site.

Environmental performance data

Year displayed in graph ex) 2009: April 1, 2008 - March 31, 2009

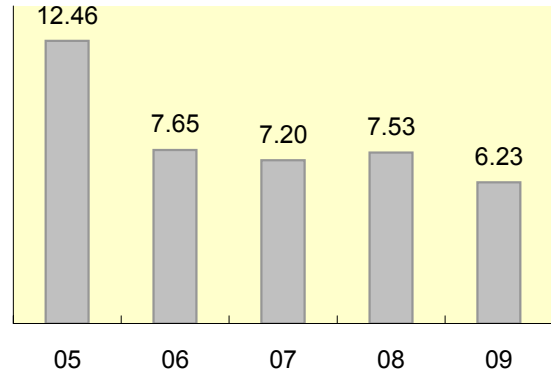
Energy

Unit: 1000kl



CO2 Emission

Unit: 1000t-CO2

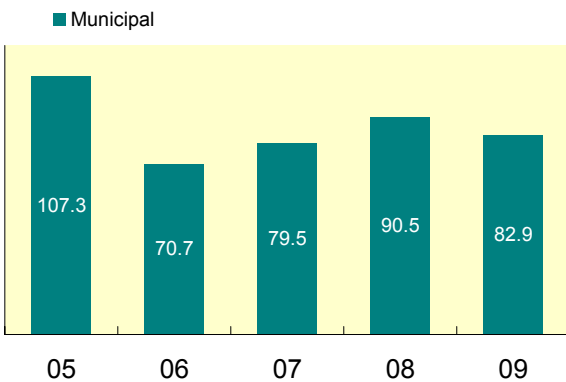


Calculation standards

CO2 emission coefficients for Electric power is 0.5008 kgCO2/kWh.

Water

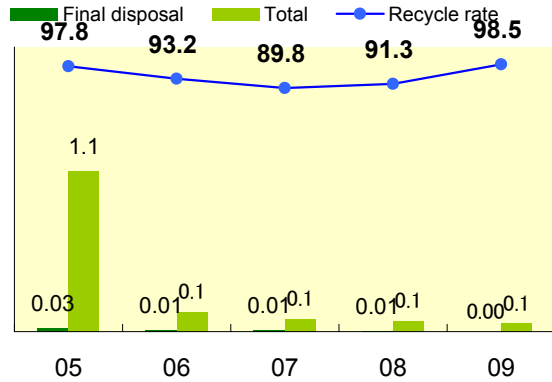
Unit: 1000m³



Circulated water FY2009
10,451.07 m³

Waste

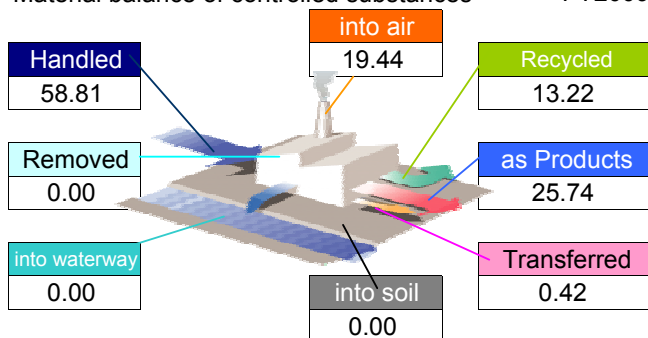
Unit: 1000t, %



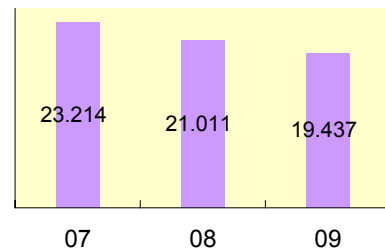
Chemical substances

09

Material balance of controlled substances FY2009



Key target reduction substances



About The Panasonic Group's Chemical Substances Management in Factories
http://panasonic.net/eco/factory/chemical_substance/

About the above data

Improvement activities were carried out to reduce the release and transfer of Key Target Reduction substances in the manufacturing process.

Compliance FY2009**<Air pollutant measurement results>**

	Unit	Facility name	Legal limit	Voluntary limit	Average measured	Maximum measured	Measuring frequency
SOx	Nm ³ /h	Not applicable			0.00		
		Not applicable			0.00		
		Not applicable			0.00		
NOx	ppm	Not applicable			0.00		
		Not applicable			0.00		
		Not applicable			0.00		
Particulate	g/Nm ³	Not applicable			0.00		
		Not applicable			0.00		
		Not applicable			0.00		

<Water pollutant measurement results>

	Unit	Facility name	Legal limit	Voluntary limit	Average measured	Maximum measured	Measuring frequency
COD	mg/l	STP	50.00	47.50	39.20	47.00	Monthly
		Outlet 1	50.00	47.50	39.88	45.00	Quartely
		Outlet 2	50.00	47.50	39.88	47.50	Quartely
BOD	mg/l	STP	20.00	19.00	14.09	27.00	Monthly
		Outlet 1	20.00	19.00	15.00	17.00	Quartely
		Outlet 2	20.00	19.00	12.75	17.00	Quartely
Nitrogen	mg/l	Not applicable			0.00		
					0.00		
					0.00		
Phosphorus	mg/l	Not applicable			0.00		
					0.00		
					0.00		

<Noise and vibration>

	Unit	Measurement Area	Legal limit	Voluntary limit	Average measured	Maximum measured	Measuring frequency
Noise	dB	DT Not applicable			0.00		
		NT Not applicable			0.00		
Vibration	dB	DT Not applicable			0.00		
		NT Not applicable			0.00		

*Legal limit: The strictest value out of those specified by laws, ordinances or agreements.

*N/A(not applicable):The meaning when the facility is exempted from the regulation.

About excess of legal limit value

There is no item to report

Improvement of direction by government, or point outs by neighbor

Occurrence situation	Countermeasure
There is no item to report	
There is no item to report	

Environmental Policy

PCM, as a leading electronic multi-products manufacturer, shall fully recognize our responsibility in execution of our activities through realizing of social responsibility at all business areas by observing the impacts to the environment at workplace and society.

To carry out this policy, it's our commitment to:

- 1) Comply with the local environmental legislation and related requirements;
- 2) Ensure that this policy is implemented, maintained and communicated to all our employees and persons working on behalf of the organization;
- 3) Implement environmental management system to conform to ISO 14001 with continual improvement;
- 4) Prevent pollution, minimise energy usage and waste whenever possible;
- 5) Conserve resources and promote recycling activities;
- 6) Review our environmental objectives and targets at least annually in-line with the changes and new requirements of the environmental laws and regulations.

This policy shall be made available to the public upon request.

Mr. Tan Yin Beng
(Managing Director)

Mr. Hidetoshi Baba
(Environmental Compliance Administrator)

Aiming to reduction of environmental impact



Title : To convert waste IC tray to usable items.

- 1) Waste IC tray can be converted to recycle bins and many other usable items such as material storage rack, material storage container and GIP storage rack.
- 2) Reuse of IC trays contributed to waste minimization activity.



Title : Inline recycle of solder dross

- 1) Solder dross separator was installed to all soldering machines to separate solder from solder dross.
- 2) By applying inline solder dross recycling method, solder dross is reduced tremendously which contributed to resource conservation.

Environmental Communication



On 30th August 2008, PCM carried out Corporate Social Responsibility (CSR) activity at Tanjung Balau in collaboration with Department of Environment (DOE), Town Council, State of Education Department and Secondary School children.

Title : Tree planting

100 Pine Trees were planted in clusters along the beach of Tanjung Balau to prevent soil erosion and also act as a "wind-breakers" and also generate more oxygen to the environment.



Title : Beach cleaning and Enviromental Education.

Beach cleaning is a joint activity with local authorities to ensure that the surrounding plant and marine life is preserved and maintained as well as promoting a healthy ecosystem.

Environmental education program was jointly conducted with DOE and attended by 70 secondary school children to broaden their environmental awareness.



Emergency preparedness and response

About our conceput and training plan

Emergency response training program was carried out in June annually in conjunction with environment campaign month.



Case of a training

Emergency drill was performed at respective workplace together with their members during emergency response training.

