


Address	P.M.U.K PENTWYN CARDIFF CF23 7XB			
Lot area	0m ²	Total floor area	23028m ²	
Establishment day	1974/7	Employees	800persons	
ISO14001certification date	1997/7	ISO14001renewed	2008/10	
Major Products	microwaves, toughbooks, disc, hoovers,			
Environmental Information disclosure	CommunicationFY2009 1items	visitors on factory tour	8persons	
Contact	Manufactureing Control		TEL:	7810505999

Message from Compliance Administrator

We at P.M.U.K have been working hard to improve the local and global environment by reducing our energy consumption, increasing our recycling activities and working with the local community on Eco projects to show P.M.U.K,s commitment to the environment.



Compliance Administrators

Pelham Morgan

Main activities in FY2009

Target	Result
Energy reduction 3%	1.70%
Increase recycling by 5%	7%
Increase the Eco projects [plant 3,000 tree's and install an Eco garden at the Hollies special needs school	4,000 tree's planted in the local community and the Eco garden has been installed in the school

Products of Environmentally-conscious information

TOUGHBOOK 27 RUGGEDIZED AND WIRELESS



- Intel® Pentium® III Processor 500MHz
- 12.1" LCD with Touchscreen
- Up to 20GB HDD
- Full Magnesium Alloy Case with Carry Handle
- Moisture- and Dust-resistant Design
- Shock-mounted, removable HDD
- Wireless-ready Design 



Panasonic Flat-Bed Combination Microwave Oven

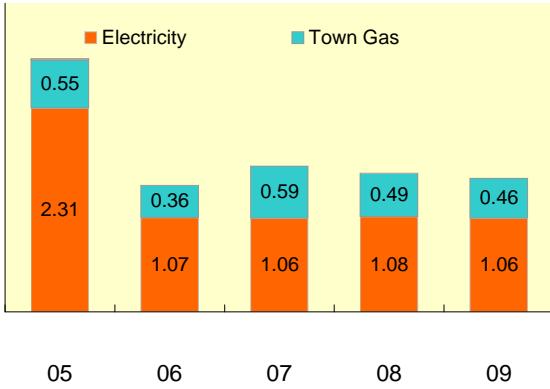
1000w Combination Oven with stainless steel finish and flat Oven Technology

Environmental performance data

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

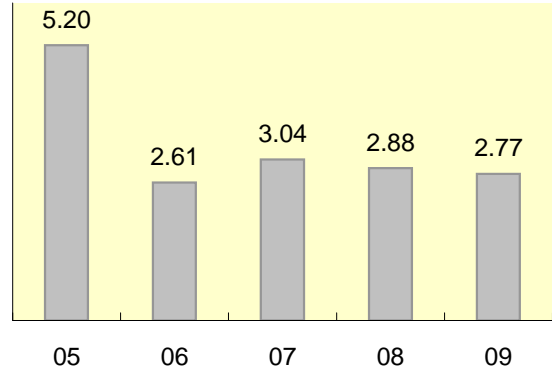
Energy

Unit: 1000kl



CO2 Emission

Unit: 1000t-CO2

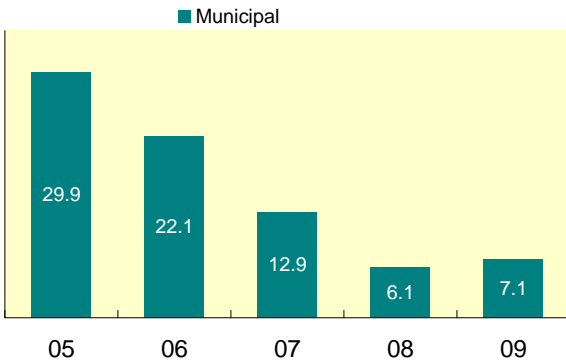


Calculation standards

Numerical values for respective countries listed on the Calculation Tools in GHG Protocol website by World Business Council for Sustainable Development (WBCSD) and World Resource Institute (WRI). Levels for 2002 (Electricity-Heat Steam Purchase_tool1.0_final) has been used for all years.

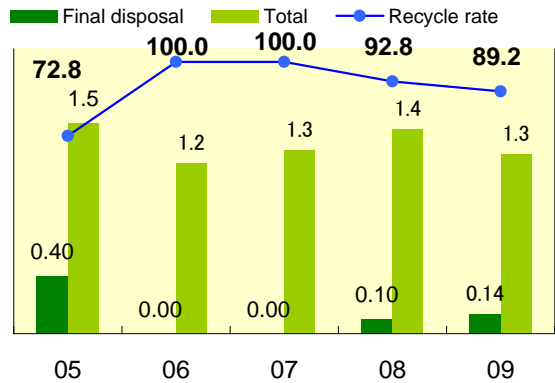
Water

Unit: 1000m³



Waste

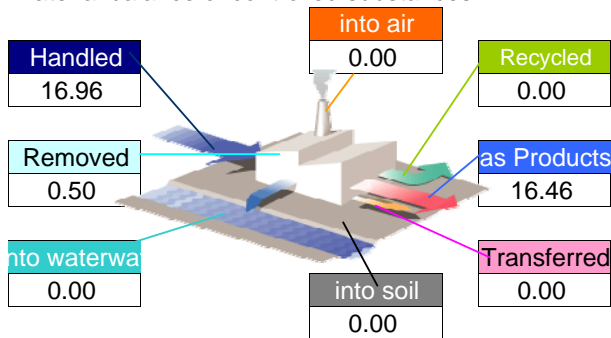
Unit: 1000t, %



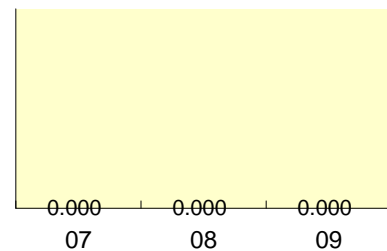
Chemical substances

Unit : ton

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/

Compliance FY2009

<Air pollutant measurement results>

	Unit	Facility name	Legal limit	Voluntary limit	Average measured	Maximum measured	Measuring frequency
SOx	Nm ³ /h	NA			0.00		
					0.00		
					0.00		
NOx	ppm	NA			0.00		
					0.00		
					0.00		
Particulate	g/Nm ³	NA			0.00		
					0.00		
					0.00		

<Water pollutant measurement results>

	Unit	Facility name	Legal limit	Voluntary limit	Average measured	Maximum measured	Measuring frequency
COD	mg/l	N/A			0.00		
					0.00		
					0.00		
BOD	mg/l	N/A			0.00		
					0.00		
					0.00		
Nitrogen	mg/l	N/A			0.00		
					0.00		
					0.00		
Phosphorus	mg/l	N/A			0.00		
					0.00		
					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.	

Environmental Policy

P.M.U.K ENVIRONMENTAL POLICY 2009

1.Improve relations with the local council and local schools in relation to Eco projects and plant around 5,000 tree's

2.Continue 5 'S' across site

3.Continue with our CSR programs within the local community

4.Improve the OHSAS-18001 Health & Safety system achieved within 2009

5.Promote ' Care of P.M.U.K Site ' [Clean & Tidy].

6.Improve site recycling process ,cardboard ,EPS,Paper ,Polythene by 3%

7.Install new light sensors within the TVDC area's

8.Improve the Enamel plant efficiency to save approximately 15t of Co2 per month

Gas 3% reduction

Electricity 3% reduction

Water 3% reduction

9.Green Product Policy

Up keep of the ISO14001 Certification in relation to continuous improvements and investigate the implementation of the REACH regulations.

Aiming to reduction of environmental impact



Mr Kadisha ,Mr T Onoe and the Cardiff City council member planting the tree that will become the Panasonic woods. This year another 5,000 tree's will be planted

Environmental Communication



Laptop computers provided by P.M.U.K to help the children of the Hollies special needs school learn about the environment and participate in the eco idea and the eco relay.



Tents and play activity equipment provided by P.M.U.K to enable the children at the Hollies special needs school to play in the Eco garden.

Emergency preparedness and response

P.M.U.K have now been officially accredited with the OHSAS-18001 safety management system

