


Address	Av. Alfredo Mendiola # 1600 independencia Lima-Peru			
Lot area	27200m <sup>2</sup>	Total floor area	1m <sup>2</sup>	
Establishment day	1966/3	Employees	164persons	
ISO14001certification date	1998/11	ISO14001renewed	2009/8	
Major Products	Batteries UM-1 Local, Batteries UM-3 Local, Batteries UM-1 Export. Batteries UM-3 Export.			
Environmental Information disclosure	Communication FY2009	visitors on factory tour	42persons	
Contact	Alberto Morisaki	collaboration with municipality	Oitems	TEL: 00-51-1-614-0000

**Message from Compliance Administrator**

Restoring our ecosystem is the most urgent task if we want to give a better future for the next generations. All restoring actions must include ecological aspects and environmental education. Thus, Panasonic Peruana is concerned about the environment by means of promoting and defending environmental regulations that protect the ecosystem and speed up its restoration.

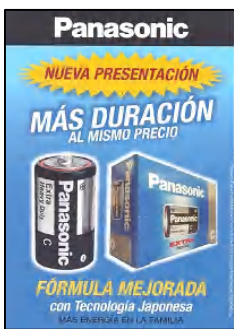


Compliance Administrators  
**Alberto Morisaki**

**Main activities in FY2009**

Target	Result
CO2 emission reduction	CO2 emissions has been reduced 14% ( 70 t-CO2 )
Water reduction	Water consumption has been reduced in 15%

**Products of Environmentally-conscious information**



**New Product for Peruvian Market**  
A new UM-2 battery has been introduced to the market, which has a better performance.

**Point of environmentally-conscious**  
It is a environmentally friendly product due to no Cadmium and Mercury added.



**Relaunching UM-1SH 20-pack**  
This presentation has to be relaunched to meet our clients' requirements

**Point of environmentally-conscious**  
It is a environmentally friendly product due to no Cadmium and Mercury added.

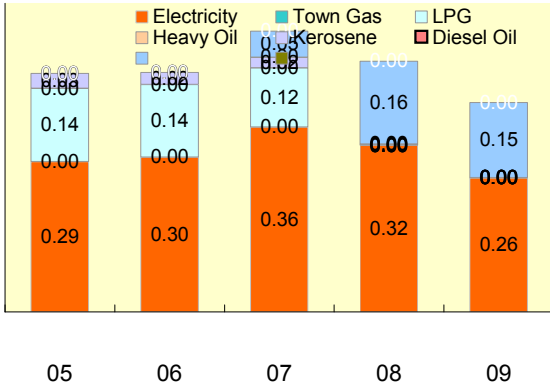
-> link to a product information web-site.

**Environmental performance data**

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

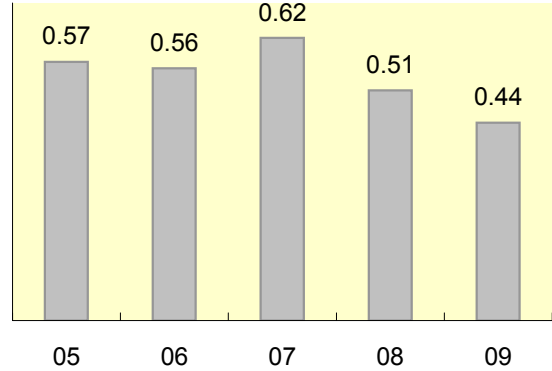
**Energy**

Unit: 1000kl



**CO2 Emission**

Unit: 1000t-CO2



Natural Energy

FY2009

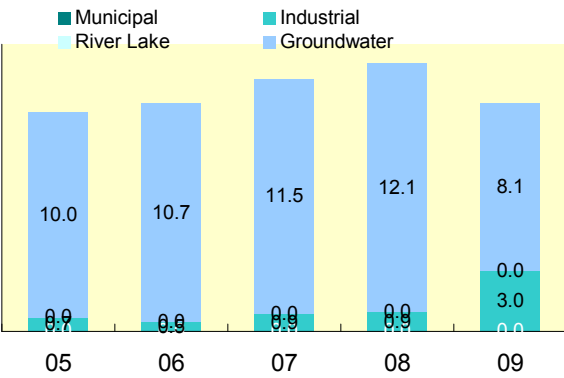
0.00 1000kWh

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: 1000m<sup>3</sup>



Circulated water

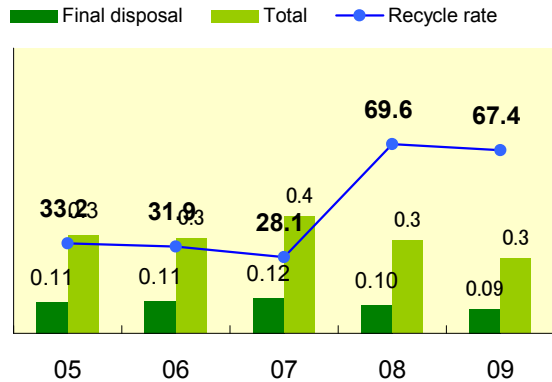
Rain-water

FY2009

0.00 m<sup>3</sup> 0.00 m<sup>3</sup>

**Waste**

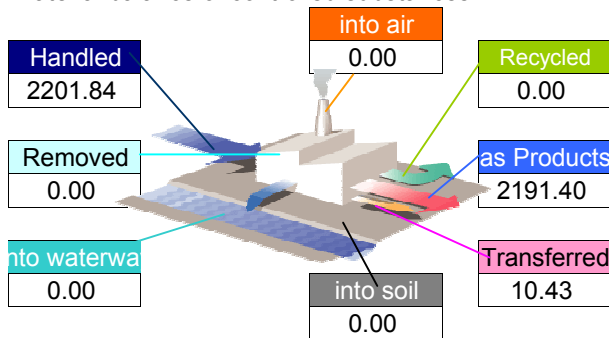
Unit: 1000t, %



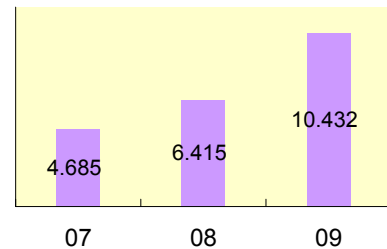
**Chemical substances**

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/](http://panasonic.net/eco/factory/chemical_substance/)

About the above data

**Compliance FY2009**

**<Air pollutant measurement results>**

	Unit	Facility name	Legal limit	Voluntary limit	Average measured	Maximum measured	Measuring frequency
SOx	Nm³/h	N/A			0.00		
					0.00		
					0.00		
NOx	ppm	N/A			0.00		
					0.00		
					0.00		
Particulate	g/Nm³	N/A			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	1000	1000.00	1000.00	383.50	483.00	every 6 months
					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		

**<Noise and vibration>**

	Unit	Measurement Area	Legal limit	Voluntary limit	Average measured	Maximum measured	Measuring frequency
Noise	dB	DT Press	70.00	70.00	61.10	69.70	every 6 months
		NT Press	60.00		0.00		
Vibration	dB	DT N/A			0.00		
		NT N/A			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**

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**Improvement of direction by government, or point outs by neighbor**

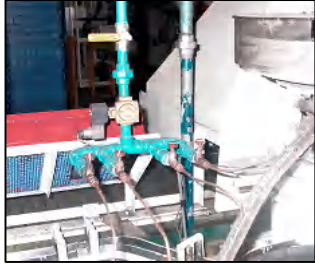
Occurrence situation	Countermeasure

## **Environmental Policy**

Panasonic Peruana S.A., decicated to manufacturing and commercialization of dry batteries and commercialization of electric appliances and electronic equipments, is aware of its social responsibility and makes all necessary to avoid generating adverse major changes in the ecological balance of the Earth. Thus, we are committed to: 1) Make continuous efforts to know and improve the environmental situation in orden to prevent pollution. 2) Obey laws and local regulations related to the environment. 3) Use efficiently of natural resources within our technological and economic limitations. 4) Train permanently our workers on management and environmental control in order to improve their consciousness level on this matter.

**Aiming to reduction of environmental impact****Improving natural gas consumption in zinc furnace**

There was a productivity improvement in the zinc furnace which was helpful to reduce natural gas consumption and CO2 emissions.

**Compressed air usage optimization**

Avoiding unnecessary consumption of compressed air by installing solenoid valves enables to save electricity

**Environmental Communication****Factory Tours**

A group of students of Newton College from Lima Perú visited Panaperu facilities. Our contribution to the environment and the concept of Eco Ideas was shared with them during their visit

**Eco Ideas diffusion to Panasonic Technical Services**

Lead free solder usage training was given to technical services staff. In addition, it was given to them lectures about the environment preservation and the concept of Eco Ideas

**Emergency preparedness and response****About our concept and training plan**

New places inside Panaperu facilities was chosen for emergency preparedness and response in gas leaking, fire and evacuation drills

**Case of a training**

It was given lectures about emergency methodology and equipments that must be used for controlling gas leakages, liquide spillages and evacuation