

Panasonic Home Appliances India Co. Ltd , India

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

Address	N H No. 5, Sholavaram Village, Ponneri Taluk, Chennai - 600 067		
Lot area	56300m ²	Total floor area	6000m ²
Establishment day	1990/9	Employees	330persons
ISO14001certification date	1998/12	ISO14001renewed	2008/3
Major Products	Rice Cooker, Mixer Grinder, OTHERS,		
Environmental Information disclosure	CommunicationFY2009 1items		
visitors on factory tour	0persons	collaboration with municipality	0items
Contact	Manufacturing division		TEL: 91-44-26330498



Message from Compliance Administrator

- ➔ We will follow and continually improve the environment friendly activities like CO2 Reduction , Energy & Water consumption reduction, Metal & Plastic Waste reduction and comply to RoHS, REACH , CF ,PFOS guide lines.
- ➔ We will provide training to our Staff's , Workers & contract workers towards improvement of environment friendly activities.
- ➔ We develop Green Belt every year by implantation of more trees inside the factory site towards more green belt environment.



Compliance Administrators

T Ganesan

Main activities in FY2009

Target	Result
To install Yakidama machine instead of Cooker ageing conveyor.	CO 2 reduction / To reduce natural resources consumption.
To install Wind driven Rotary Turbine ventilations in assembly line.	Working Atmospheric condition improvement.
To study & improve on the reduction of Phosphating Sludge & chemical usage at phosphating, for cooker body by study and introduction of alternate process of Oxsilan Coating .	To Reduce hazardous waste generation . Drastic reduction of Phosphating sludge generation & Chemicals usage.
To remove conveyor system of Mixie sub assembly Line.And to provide Cell Table Type production system.	Energy Reduction

Products of Environmentally-conscious information



Product:-
Electric Rice Cooker , Jar Cooker & mixer Grinder
 Bimetal.

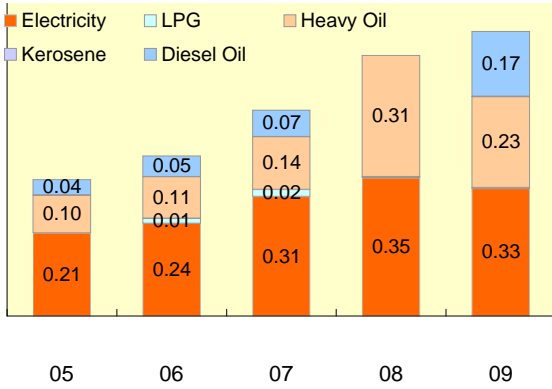
Point of environmentally-conscious
 Keep Warm Heater made by the warm heater(Side Heater) only (23 watts).Where as competitors cookers are made in bimetal . Hence It reduces the energy consumption.

Environmental performance data

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

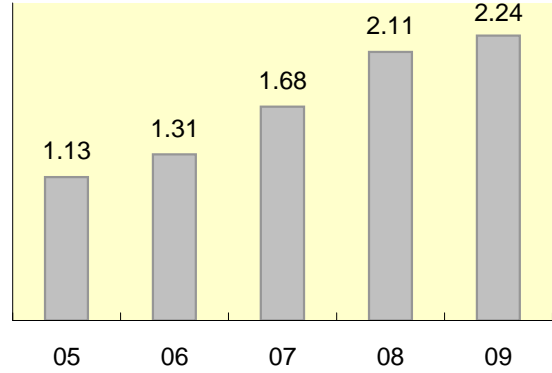
Energy

Unit: 1000kl



CO2 Emission

Unit: 1000t-CO2

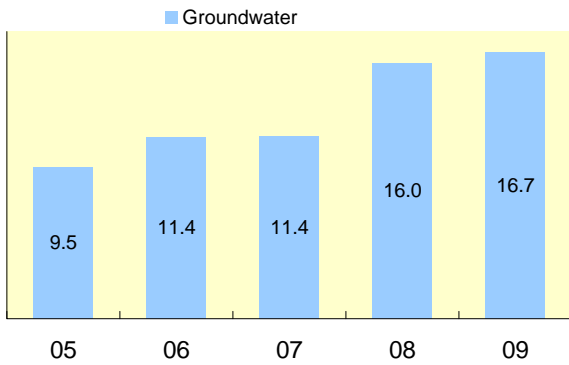


Calculation standards

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.

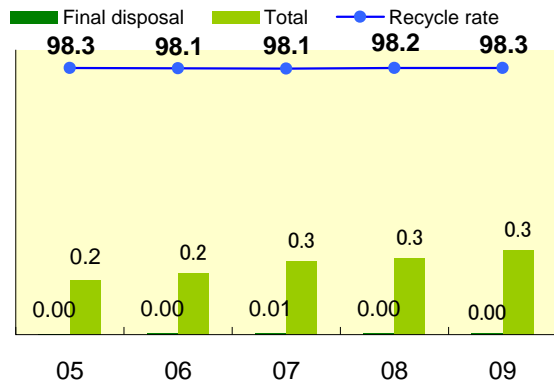
Water

Unit: 1000m³



Waste

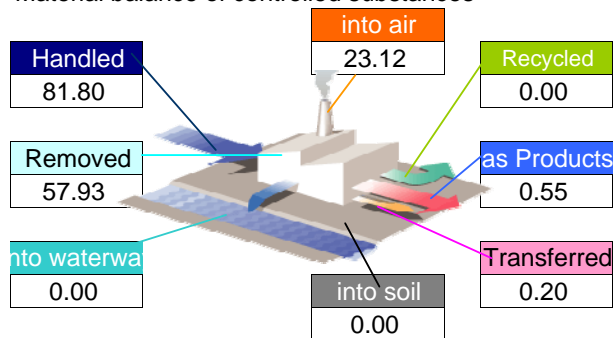
Unit: 1000t, %



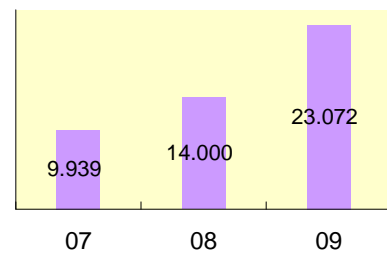
Chemical substances

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/

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

	Unit	Facility name	Legal limit	Voluntary limit	Average measured	Maximum measured	Measuring frequency
SOx	mg/Nm3	ETP	80.00	80.00	21.90	21.90	Yearly
		CANTEEN	80.00	80.00	11.30	11.30	Yearly
		NEAR WATER TAN	80.00	80.00	9.00	9.00	
NOx	mg/Nm3	ETP	80.00	80.00	13.70	13.70	Yearly
		CANTEEN	80.00	80.00	22.20	22.20	Yearly
		NEAR WATER TAN	80.00	80.00	19.30	19.30	
Particulate	mg/Nm3	ETP	200.00	200.00	113.90	113.90	Yearly
		CANTEEN	200.00	200.00	138.50	138.50	Yearly
		NEAR WATER TAN	200.00	200.00	170.50	170.50	

<Water pollutant measurement results>

	Unit	Facility name	Legal limit	Voluntary limit	Average measured	Maximum measured	Measuring frequency
COD	mg/l	ETP	250.00	250.00	83.43	192.00	Monthly
					0.00		
					0.00		
BOD	mg/l	ETP	30.00	30.00	11.43	30.00	Monthly
					0.00		
					0.00		
Nitrogen	mg/l	N/A			0.00		
		N/A			0.00		
		N/A			0.00		
Phosphorus	mg/l	N/A			0.00		
		N/A			0.00		
		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

There is no items to report.

Improvement of direction by government, or point outs by neighbor

Occurrence situation	Countermeasure
There is no items to report.	

Environmental Policy

We are committed to keep the environment clean and to control and prevent pollution.

We will continuously improve our environmental performance.

We will comply with relevant legal and other environmental requirements.

We will train persons working for our company to conduct their activities in an environmentally responsible manner.

On request, we will make our environmental policy available to all interested parties.

Aiming to reduction of environmental impact



1.Installation of Wind Driven Rotary Turbine Air Ventilators in the factory Production shops roof.



2.Implementation of Yakidama Ageing Machine instead of Ageing conveyor in the Cooker assembly line.(To reduce Energy Consumption & Heat Generation)



3.Mixie Sub Assembly Line Conveyor Changed to Cell table type production system.

Environmental Communication

Emergency preparedness and response

Disaster Management HA Guidelines

Implementation and followup of Disaster Prevention Self Checksheet for

Fire ,Flood , Wind & Earth Quake Disaster Prevention check sheet to be introduced & follow it up .