


Panasonic Energy India Co.,Ltd. (Old name: Panasonic Battery India Co. Ltd.)

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

| | | | |
|-----------------------------------|--|---------------------------------------|---|
| Address | Plant 1 :- GIDC, Makarpura, Vadodara - 390 010, Gujarat, Plant 2 :- Plot No. 112, Industrial Area, Sector-III , Pithampur, | |  |
| Lot area | 167196m ² | Total floor area 121432m ² | |
| Establishment day | 1972/5 | Employees | 484persons |
| ISO14001certification date | 1997/12 | ISO14001renewed | 2009/3 |
| Major Products | R20 Metal Jkt type(Mil.Pcs.), R20 Paper Jkt.Type(Mil.Pcs.), R14 Paper type(Million Pcs.). R6 tube/Metal type type(Million Pcs.) | | |
| Environmental CommunicationFY2009 | Information disclosure | 1items | visitors on factory tour 0persons |
| Contact | | | collaboration with municipality 0items |
| | | | TEL: 91-0265-2638882, 91-07292-256107 |

Message from Compliance Administrator

The company was incorporated on 24 th May, 1972 with the objective to manufacture and market dry cell batteries and to carry out allied business. The company manufactures dry batteries with Panasonic & NOVINO brand in domestic market. PECIN has effectively implemented Environment Management System i.e. ISO 14001 at both the plants since December 1997. PECIN is continuously striving for the innovative and improved environmental performance by way of developing ECO friendly products and creating awareness in employees,suppliers & customers.Environment Compliance Office is formed in co-ordination with environment performance committees like Energy Conservation,Wastage Control, Fire Fighting & Safety Committee etc. Also the Environmental promotional Committies has been formed to improve the environmental performance by way of setting the Environmental targets and goals and striving to achieving the same. We are in progressing in the direction of developing Hg Free paste type product by 31st March'2010.



Compliance Administrators

C.D.Mistry

Main activities in FY2009

| Target | Result |
|--|---|
| To install diaphragm type air solenoid valve with automation at Parts section press. | Solenoid valves installed on four presses resulting saving of 6059 Kwh per month. |
| Installation of Turbo air roof ventilator at Z/c & CCL area. | Turbo air roof ventilator 3 nos. installed. Saving of 2138 Kwh per month. |
| | |

Products of Environmentally-conscious information



Product
UM-3NG & UM-3J Heavy duty product

Point of environmentally-conscious
Hg & Cd Free product.Inner PVC tube with RoHS compliance.



Product
UM-3UM & UM-3UH Multipurpose product

Point of environmentally-conscious
Hg & Cd Free product.Inner PVC tube with RoHS compliance.



Product
UM-3U PVC type product

Point of environmentally-conscious
Hg & Cd Free product.



Product
UM-4NG PVC type product

Point of environmentally-conscious
Hg & Cd Free product

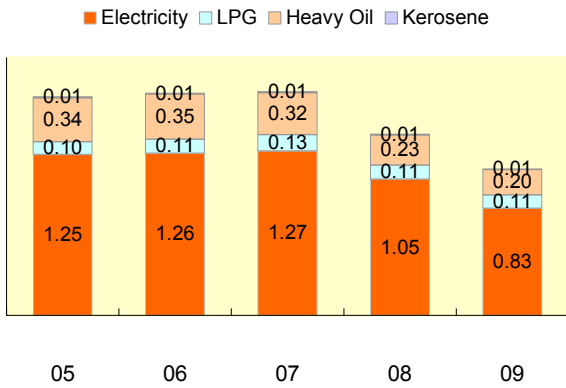
-> link to a product information web-site.

Environmental performance data

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

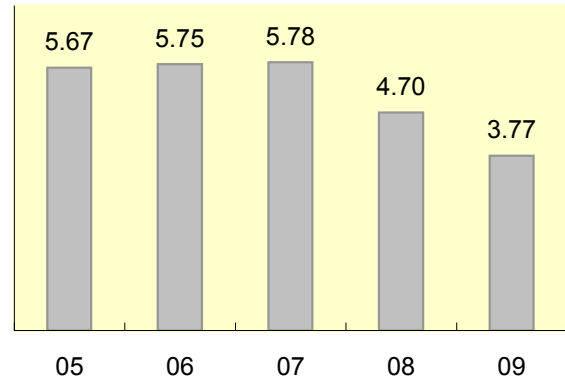
Energy

Unit: 1000kl



CO2 Emission

Unit: 1000t-CO2

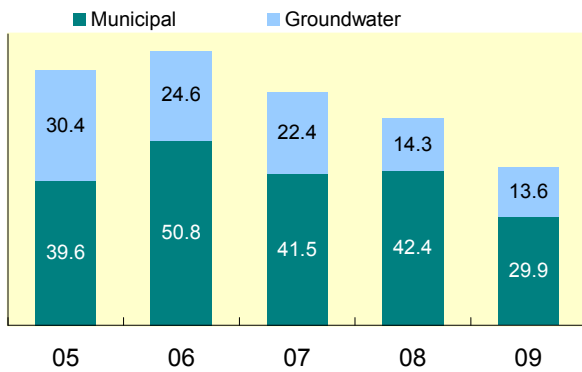


Calculation standards

All Calculation method considered for Environment performance evaluation is according to EMS system (ISO 14001).We at PECIN shall make efforts to improve the environment condition by way of reduction in CO2 emission.

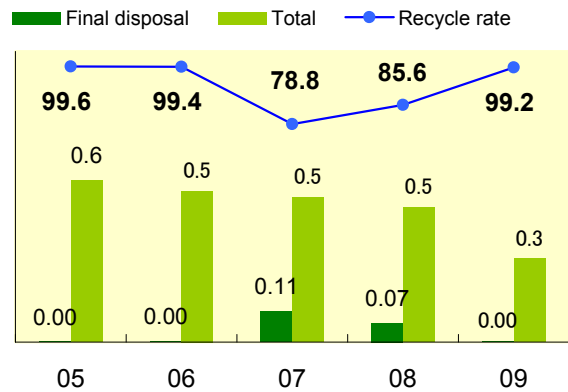
Water

Unit: 1000m³



Waste

Unit: 1000t, %

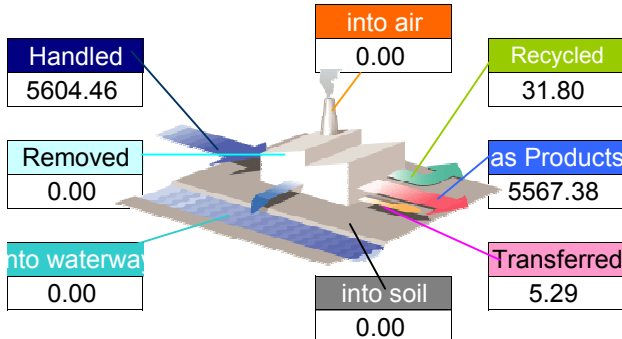


Circulated water m³

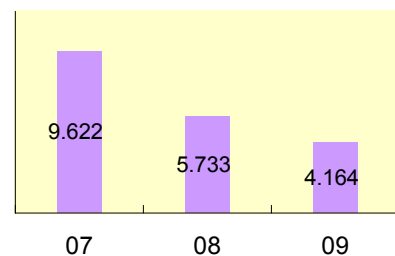
Chemical substances

Unit: t

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

Compliance FY2009

<Air pollutant measurement results>

| | Unit | Facility name | Legal limit | Voluntary limit | Average measured | Maximum measured | Measuring frequency |
|-------------|--------------------|---------------|-------------|-----------------|------------------|------------------|---------------------|
| SOx | Nm ³ /h | Furnace | 100.00 | 50.00 | 14.25 | 17.97 | Once / Month |
| | | Boiler | 100.00 | 50.00 | 13.97 | 16.80 | Once / Month |
| | | D.G.SET | 100.00 | 40.00 | 16.38 | 22.37 | Once / Month |
| NOx | ppm | Furnace | 50.00 | 20.00 | 12.81 | 16.91 | Once / Month |
| | | Boiler | 50.00 | 20.00 | 13.65 | 16.35 | Once / Month |
| | | D.G.SET | 50.00 | 25.00 | 13.33 | 16.40 | Once / Month |
| Particulate | g/Nm ³ | Furnace | 150.00 | 70.00 | 34.42 | 54.00 | Once / Month |
| | | Boiler | 150.00 | 70.00 | 34.75 | 56.00 | Once / Month |
| | | D.G.SET | 150.00 | 121.00 | 76.11 | 121.00 | Once / Month |

<Water pollutant measurement results>

| | Unit | Facility name | Legal limit | Voluntary limit | Average measured | Maximum measured | Measuring frequency |
|------------|------|------------------------|-------------|-----------------|------------------|------------------|---------------------|
| COD | mg/l | Sewage treatment plant | 250.00 | 110.00 | 76.00 | 102.00 | Monthly |
| | | Sewage treatment plant | 100.00 | 65.00 | 26.08 | 49.00 | Monthly |
| | | | | | 0.00 | | |
| BOD | mg/l | Sewage treatment plant | 30.00 | 19.00 | 13.00 | 17.00 | Monthly |
| | | Sewage treatment plant | 30.00 | 20.00 | 11.08 | 13.00 | Monthly |
| | | | | | 0.00 | | |
| Nitrogen | mg/l | | | | 0.00 | | |
| | | | | | 0.00 | | |
| | | | | | 0.00 | | |
| Phosphorus | mg/l | | | | 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 Ambient | 75.00 | 75.00 | 67.00 | | Yearly |
| | | NT Ambient | 70.00 | 70.00 | 57.00 | | Yearly |
| Vibration | dB | DT | | | 0.00 | | |
| | | NT | | | 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

As a responsible enterprise, engaged in manufacturing and supplying dry batteries and related products to our customers as per their needs, we are committed to improve our environmental performance continually and prevention of adverse environmental impacts arising from our activities. To achieve this goal the following shall be our environmental policy :

1. To make conscious effort for prevention and abatement of pollution by observing applicable environmental legislation and regulations.
2. To make every effort to reduce, reuse and to recycle wastes and to conserve energy.
3. To educate and create awareness in our employees, suppliers, waste consignees and other interested parties and to provide a safe working environment to our employees.

We shall make every efforts for continual improvement in our Environment Management System.

Aiming to reduction of environmental impact



Tree Plantation (Vadodara Plant)

On 5th June, World Environment Day was celebrated at PECIN - Tree plantation by Top Management, Seniors, Guests & ECO Members was done.



Tree Plantation (Pithampur Plant)

On World Environment Day - Tree plantation by Government officials, Seniors, Guests & ECO Members.

Environmental Communication



Training program on Environmental Laws

A program for employees awareness regarding Environmental Laws in India was conducted by the Government officials of Madhya Pradesh Pollution Control Board.



Environment Day Celebration

Environmental awareness in morning assembly speech by Legal Government Environment officials on occasion of Environment Day celebration on 05.06.09

Awareness regarding Environment protection/Environment performance improvement. (COMMON ASSEMBLY SPEECH)

Emergency preparedness and response

About our concept and training plan

Fake fire like situation was enacted with fire in dried bush. After that long fire siren blown. Hearing the siren all fire fighting committee members assembled at specified place and from there members move towards the target area as instructed by emergency controller and fully prepared with necessary fire extinguisher



Case of a training

Mock drill exercises for fire fighting conducted on 30.03.09