

**PANASONIC COMPRESSOR MALAYSIA SDN. BHD (PCOM)**

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

Address	17, JALAN PUCHONG, TAMAN PERINDUSTRIAN SUBANG UTAMA, SEKSYEN 22, 40300 SHAH ALAM, SELANGOR,		
Lot area	29618m <sup>2</sup>	Total floor area	118613m <sup>2</sup>
Establishment day	1987/4	Employees	1853persons
ISO14001certification date	1998/2	ISO14001renewed	2009/4
Major Products	COMPRESSOR FOR AIR CONDITIONING,		
Environmental Information disclosure	CommunicationFY2009 1items	visitors on factory tour	20persons
Contact	MANUFACTURING ENINGERING		TEL: 603-58913016



collaboration with municipality 350items

**Message from Compliance Administrator**

Our main challenge this fiscal year is global warming. As one of the Panasonic Company we will strive to reduce the CO2 release by intensify our activities in production line.

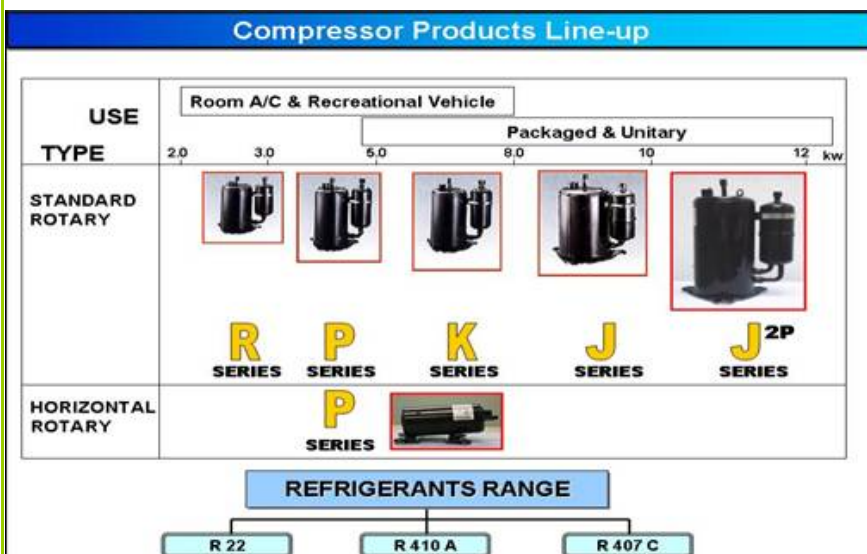


Compliance Administrators  
**HD KHAIRUL ABDULLAH**

**Main activities in FY2009**

Target	Result
Business plan CO2 emission - 31,873 ton	Actual CO2 emission - 25,943 ton Business plan achievement : 122.9% . Our main activitie was, to replace air purging air dryer with high efficiency heater type air dryer .Yearly CO2 reduction - 375 ton.
3.0% reduction of FY 08 result - 550 ton	Actual reduction - 560 ton. Achievement : 3.1% . Our main activities were process V.E. and scrap reduction through TPM activities in order to reduce waste.

**Products of Environmentally-conscious information**



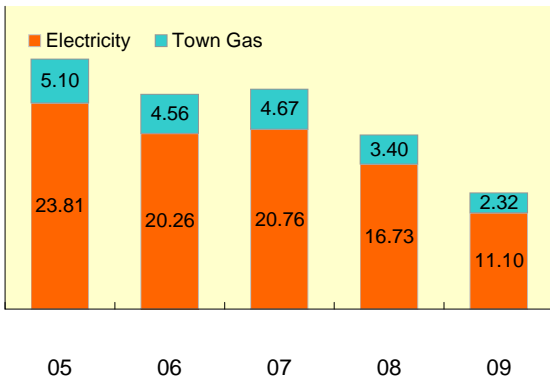
- ROTARY COMPRESSOR for Room Air Conditioner**
1. High - efficiency design
  2. Low Vibration design / Low noise
  3. Wide variation
  4. Wide-range application

**Environmental performance data**

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

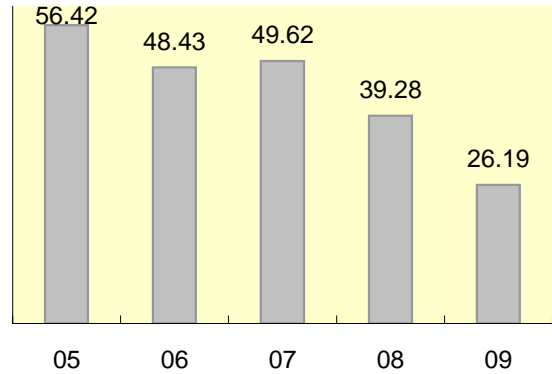
**Energy**

Unit: 1000kl



**CO2 Emission**

Unit: 1000t-CO2

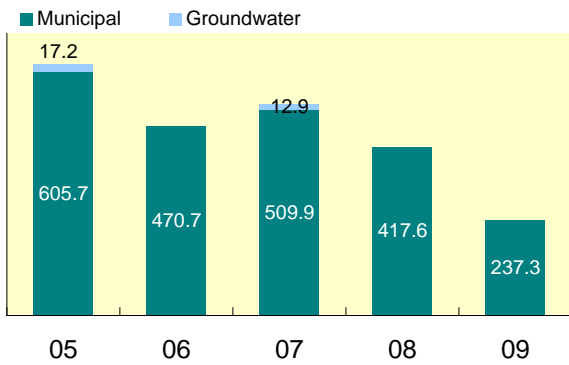


**Calculation standards**

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.

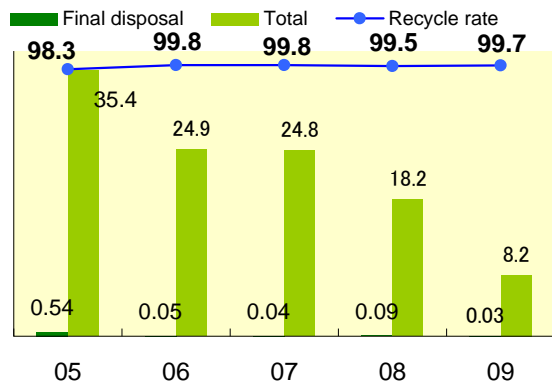
**Water**

Unit: 1000m<sup>3</sup>



**Waste**

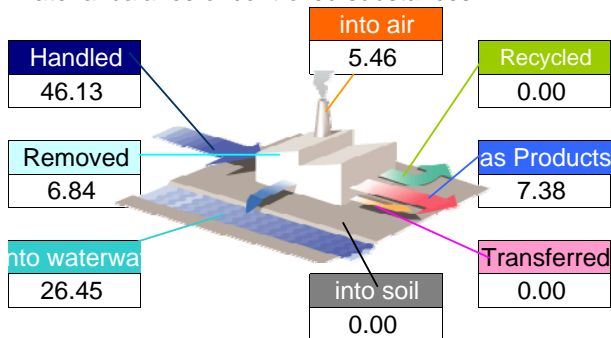
Unit: 1000t, %



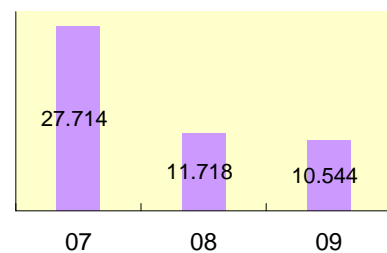
**Chemical substances**

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/](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 <sup>3</sup> /h	N/A			0.00		
					0.00		
					0.00		
NOx	ppm	N/A			0.00		
					0.00		
					0.00		
Particulate	g/Nm <sup>3</sup>	Sludge Dryer (waste	0.40	0.40	0.00	0.00	once in three months
		Boiler	0.40	0.40	0.00	0.00	once in three months
					0.00		

**<Water pollutant measurement results>**

	Unit	Facility name	Legal limit	Voluntary limit	Average measured	Maximum measured	Measuring frequency
COD	mg/l	Waste water treatment	100.00	100.00	35.80	57.00	once monthly
					0.00		
					0.00		
BOD	mg/l	Waste water treatment	50.00	50.00	6.33	20.00	once monthly
					0.00		
					0.00		
Nitrogen	mg/l	N/A			0.00		
		N/A			0.00		
					0.00		
Phosphorus	mg/l	N/A			0.00		
		N/A			0.00		
					0.00		

**<Noise and vibration>**

	Unit	Measurement Area	Legal limit	Voluntary limit	Average measured	Maximum measured	Measuring frequency
Noise	dB	DT N/A			0.00		
		NT N/A			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**

There is no item to report.
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**Improvement of direction by government, or point outs by neighbor**

Occurrence situation	Countermeasure
There is no item to report.	

## Environmental Policy

**ENVIRONMENTAL POLICY**

**Panasonic Compressor Malaysia Sdn. Bhd and Panasonic Compressor R & D Malaysia Centre Sdn. Bhd. (PCOM & PCRADM)** are fully recognizes our responsibility towards environmental protection and shall devote special care to our staffs, local residents and customers and pledge ourselves to continuously enhance a safe, healthy and sustainable living environment.

**We are committed to: -**

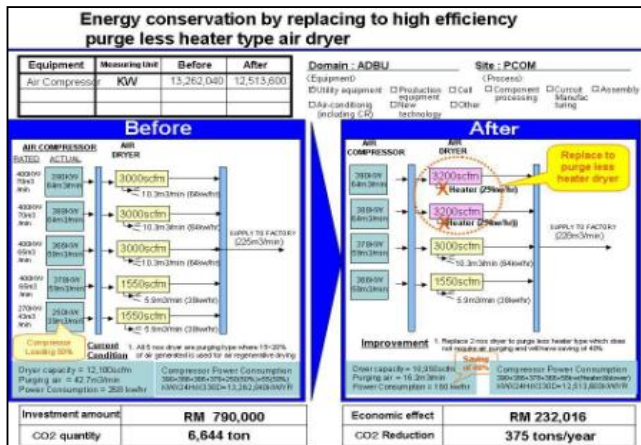
- 1) Comply with relevant legislations and regulations inclusive of other requirements, which our company subscribes to.**
- 2) Continuous improvement on environmental issues where economical feasible.**
- 3) Prevention of pollution in the area of water, air and soil**
- 4) Set and review environmental objectives and targets**
- 5) Minimize all waste discharge to air, water and land from its operations.**
- 6) Seek, to reuse, recycle and recover raw materials and waste whenever possible.**
- 7) Seek to conserve scarce and non renewable resources such as energy in all operation.**
- 8) Ensure that all suppliers and contractors operate to the environmental standards.**
- 9) Provide continual education and training programme for all level of employees.**

We will continuously improve our manufacturing process, products and services to meet global environmental standards through periodic management review and updating of environmental management system. We shall communicate the above policy to all employees and made available to public upon request.

**Our aim is to become an Environmental Friendly Advanced Company**

**IMPROVING THE QUALITY OF LIFE  
MINIMIZING ENVIRONMENTAL IMPACT**

**Aiming to reduction of environmental impact**



**Replace air purging air dryer with high efficiency heater type air dryer .Yearly CO2 reduction - 375 ton.**

**Environmental Communication**

**ECO – RELAY**



**Tree Planting**

In conjunction with the Panasonic Eco Relay, Panasonic Air Conditioning Devices Group of Companies have adopted elementary school kids for their “Green Adoption” campaign. This is made to educate the kids on the importance of environmental conservation as well as to sow the “love the environment” awareness while they are young. On 16 October 2008, the management of the Company headed by its Group Managing Director, Mr. Hidekazu Tachibana, have taken the “eco kids” from Sekolah Kebangsaan TTDI Jaya, Shah Alam as adopted kids in its tree planting ceremony in the school compound. In line with this Green Adoption Campaign, various environmental education activities including eco factory tour and eco competitions have been planned for this school’s kids

**C.S.R**



**Clean up Activities**

Panasonic Air Conditioning Devices Group of Companies recently performed its CSR activity in Klang town in cooperation with Klang Municipal Council (Majlis Perbandaran Klang.) The event was held on Sunday, 28th December 2008 participated by concerned staffs from PMMA, PEDMA, PAVCKM, and PHAAM as well as staffs from MPK itself. Our Managing Director, Mr. Tachibana also attended this event, accompanied by about 40 PCOM members. The event started with short aerobic exercise, followed with the segregation of participants into several groups to clean the designated zone within Klang town.

**Emergency preparedness and response**

**Fire Evacuation Drill  
On 27th November 2008**



Evacuation, assembly & attendance checking

Summary & Reporting

Postmortem & Comments