

PANASONIC COMPRESSOR MALAYSIA SDN. BHD (PCOM)

Matsushita Group Site report 2006
FY2006 :April 1, 2005 - March 31, 2006

Address: 17, JALAN PUCHONG, TAMAN PERINDUSTRIAN SUBANG UTAMA, SEKSYEN 22, 40300 SHAH ALAM, SELANGOR, MALAYSIA

Lot area: 29618m²

Total floor area: 118613m²

Establishment day: 1987/4

Number of employees(2006/3): 2800 persons

Major Produ COMPRESSOR FOR AIR CONDITIONING

ISO14001certification date: 1997/12

ISO14001renewed: 2006/1



Environmental Communication in FY2006

Information disclosure : 1 item Visitors on factory tour: 160 persons

Contact us

Division:OCCUPATIONAL HEALTH, ENVIRONMENTAL, EDUCATION AND SAFETY

Collaboration with municipality: 0 items

TEL:603-58913190

Site introduction

Malaysia is one of the develop country in the world with the vision to become Advance country by year 2020. We in PCOM will try to preserve the earth's resources and protect the natural environment through effective multi level environmental activities.



Environmental compliance administrator **MOHD KHAIRUL ABDULLAH**

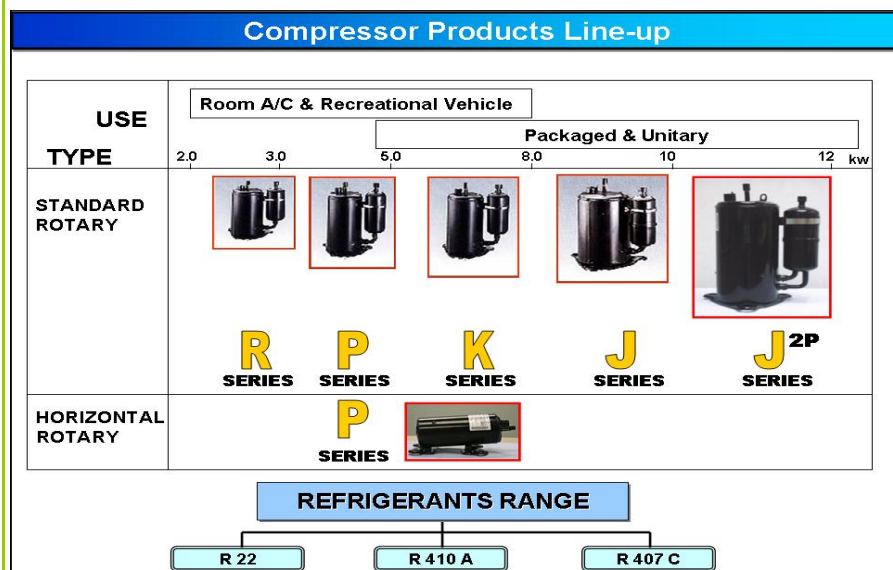
FY2006 Environmental Activities

Energy Conservation : 1. Reduction of low air supply usage ; 2. Air Conditioning saving activities ; 3. Introduction of Super Turbo Low Air Compressor

Waste Minimization : 1. Scrap reduction activities ; 2. Waste grinding sludge recycle

Chemical Reduction : 1. Varnish usage reduction through introduction of SLB wire in Motor Winding

Products/Technology Information



ROTARY COMPRESSOR for Room Air Conditioner

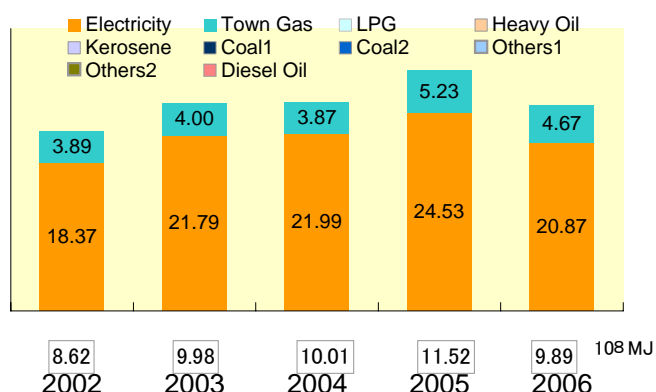
1. High - efficiency design
2. Low Vibration design / Low noise
3. Wide variation
4. Wide-range application

Major Performance

Year displayed in graph
ex) 2006: April 1, 2005 - March 31, 2006

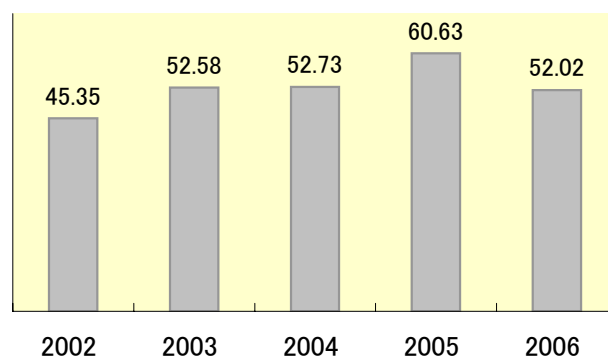
Energy

Unit:1000kl



CO2 Emmisions

Unit:1000t-CO2



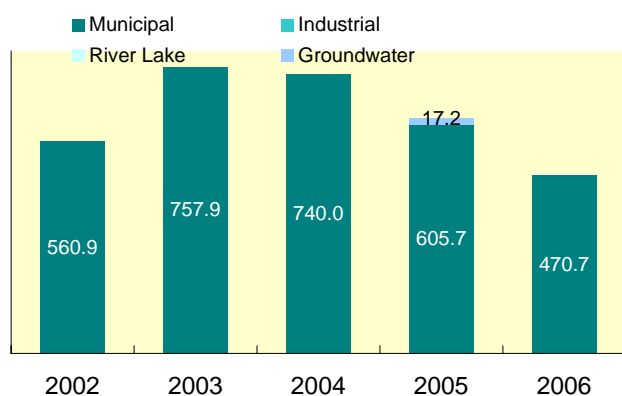
We had carried out some of the energy saving activity according to plan and also our usage of energy reduce due to production volume drop in FY 2005

[Calculation standards]

Calculation standards of energy consumption and CO2 emissions are based on those specified by the Ministry of Environment. CO2 emissions coefficient of purchased electricity: 0.543 kg-CO2/kWh

Water

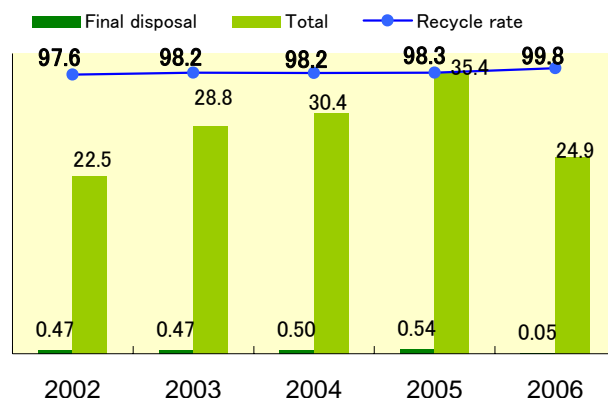
Unit:1000m³



We had carried out daily leakage checking activity at all production line and also our usage of water reduce due to production volume drop in FY 2005

Waste

Unit:1000t,%

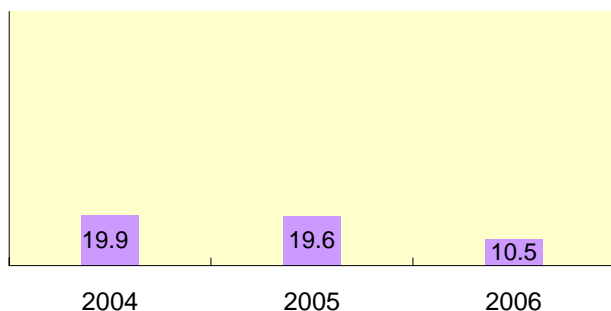


We have carried out various activities especially in scrap reduction and also the waste reduce due to production volume drop in FY 2005

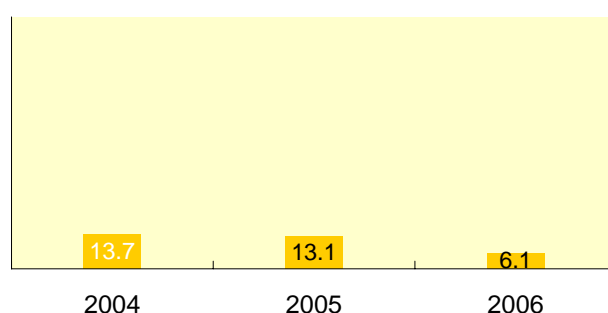
Chemical substances

Unit: t

Handle



Released and Transfered



We have reduce the consumption of varnish usage through the NJ stator omit varnish activity and at the same time other chemical usage reduce due to production volume drop in FY 2005

Compliance (FY2006)

| | Number of violation | Situation and countermeasure |
|-----------------|---------------------|------------------------------|
| Air | 0 | |
| Water | 0 | |
| Odor | 0 | |
| Noise/Vibration | 0 | |
| Others | 0 | |

<Air pollutant measurement results>

| | Unit | Facility name | Legal limit | voluntary limit | Maximum measured | Measuring frequency |
|-----------------|--------------------|---------------|-------------|-----------------|------------------|---------------------|
| SO _x | Nm ³ /h | Boiler | 0.200 | | ND | 3 Monthly |
| | | DX Gen. | 0.200 | | ND | 3 Monthly |
| | | Oven | 0.200 | | ND | 3 Monthly |
| NO _x | ppm | Boiler | 2.000 | | ND | 3 Monthly |
| | | DX Gen. | 2.000 | | ND | 3 Monthly |
| | | Oven | 2.000 | | ND | 3 Monthly |
| Particulate | g/Nm ³ | N/A | | | | |
| | | N/A | | | | |
| | | N/A | | | | |

<Water pollutant measurement results>

| | Unit | Facility name | Legal limit | Voluntary limit | Maximum measured | Measuring frequency |
|------------|------|---------------|-------------|-----------------|------------------|---------------------|
| COD | mg/l | WWTP | 100.000 | | 72.000 | Monthly |
| | | | | | | |
| | | | | | | |
| BOD | mg/l | WWTP | 50.000 | | 38.000 | Monthly |
| | | | | | | |
| | | | | | | |
| Nitrogen | mg/l | N/A | | | | |
| | | | | | | |
| | | | | | | |
| Phosphorus | mg/l | N/A | | | | |
| | | | | | | |
| | | | | | | |

*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.

*ND:The meaning when measured values are below the lower limit or no pollutants.

Policy**ENVIRONMENTAL POLICY**

Panasonic Compressor Malaysia Sdn. Bhd & 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) Set and review environmental objectives and targets**
- 4) Minimize all waste discharge to air, water and land from its operations.**
- 5) Seek, to reuse, recycle and recover raw materials and waste whenever possible.**
- 6) Seek to conserve scarce and non renewable resources such as energy in all operation.**
- 7) Ensure that all suppliers and contractors operate to the environmental standards.**
- 8) 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**

Environmental Communication



Voluntary Activities

In order to foster a good relationship and communication with the near by resident, PCOM had carry out voluntary cleanup at the monsoon drain and surrounding area in front of the resident house.

Case of Environmental activity

Energy conservation activities carrying carry out in FY 2005



Installation of water spray system for selected air cond out door units.(PJ)



To stop air cond compressor operation for 3 minutes of every 30 minutes by using 'Be Next' controller at selected air cond. packaged unit.(PJ)



To stop one unit 270kw low air compressor by rectify air wastage & leakage at production line.