


Vossloh-Schwabe Deutschland GmbH

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

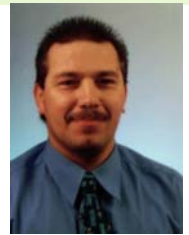
Address	Wasenstrasse 25, 73660 Urbach					
Lot area	34448m ²	Total floor area	16513m ²			
Establishment day	1932/1	Employees	306persons			
ISO14001 certification date	2006/1	ISO14001 renewed	2009/1			
Major Products	Transformer, Ballast					
Environmental Communication Information disclosure	FY2009		visitors on factory tour	68persons	collaboration with municipality	0items
Contact	Quality-Environment			TEL:	0049 07181 8002128	

Message from Compliance Administrator

VSU/ VSEL manufactures ballast and transformers.

The most relevant environmental aspects are:

- waste, liquid waste, noise, air emissions, electric energy consumption, natural resources and raw materials. The future objective of VSU / VSEL is to reduce the environmental impact of the above relevant aspects through the activities envisaged in the 3-years Clean Factory Plan. VSU / VSEL has a central Quality (already certified according ISO 9001) - Environment (already certified according ISO 14001) integrated system.



Compliance Administrators

Gerd Weichenthal

Main activities in FY2009

Target

Reduction of CO₂ emission to achieve Panasonic global target.

Products of Environmentally-conscious information



**Control Gear Units for HS and HI Lamps 35 to 150 W
Protection class II**

Ballast without impregnation material.

Reduction Material:

Resin, Hardener, Styrol,

Reduction Energy for:

Gas and Energy for production consumption.



**Electromagnetic Ballasts for
Compact Fluorescent Lamps
Tubular Fluorescent Lamps**



**Electronic Ballasts for
Compact Fluorescent Lamps
Dimmable for Compact Fluorescent Lamps**

**Tubular Fluorescent Lamps
Dimmable for Tubular Fluorescent Lamps**



Electromagnetic Ballasts for
HM - Lamps
HS - Lamps
HI - Lamps



Electronic Ballasts for
HS - Lamps
HI - Lamps
Dimmable Electronic Built Ballasts for HS and HI
Lamps



Electromagnetic Safety Transformer
for low-voltage Halogen lamps



Electronic Converters

Dimmable Independent Electronic Converters
Electronic Built-in Converters



Dimmable Compact Electronic Built-in Ballasts
(ELXd – Dimmable with Push Key or DALI for TC-DEL,
TC-TEL Lamps)

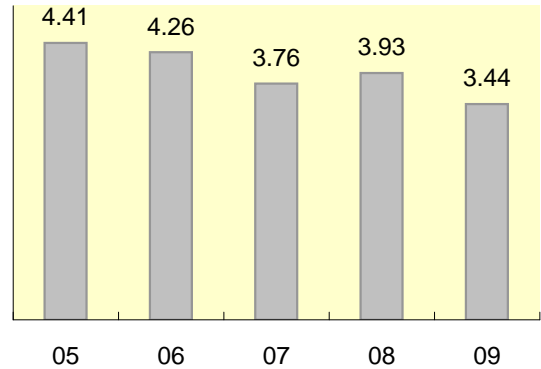
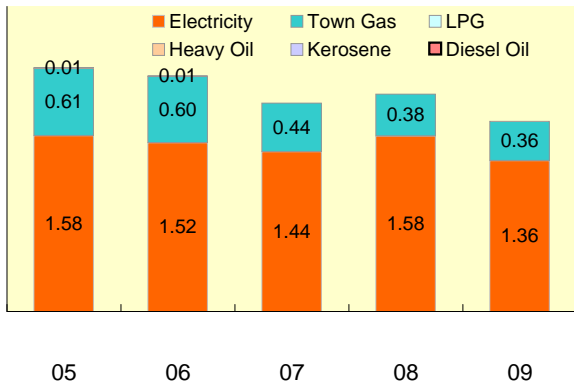
Low-power design ensures very low standby power
consumption.
Power factor: >0.95 at 100% operation.

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

Energy

Unit: 1000kl CO2 Emission

Unit: 1000t-CO2

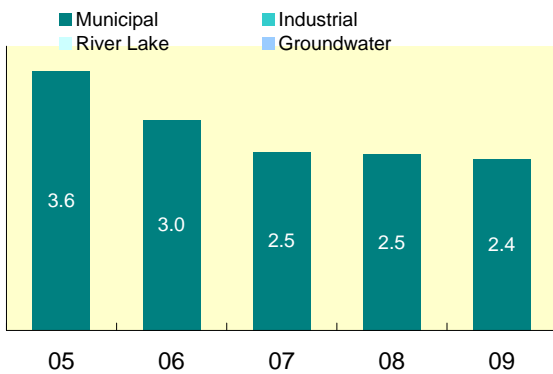


Calculation standards

CO2 emission = (Amount of electric power use in kwh x 0.5179 kgCO2/kwh)
+ (Amount of town gas use in m3 x 2.290 kgCO2/m3)
+ (Amount of Heavy Oil use in m3 x 2.710 kgCO2/m3)

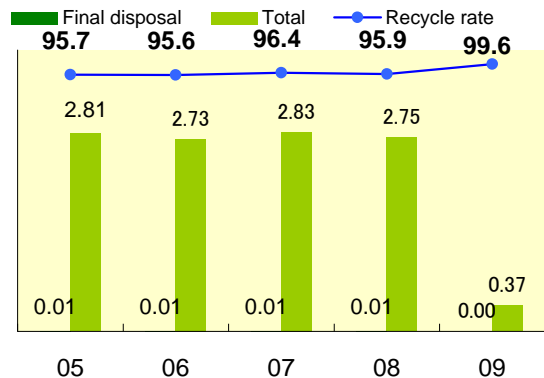
Water

Unit: 1000m³



Waste

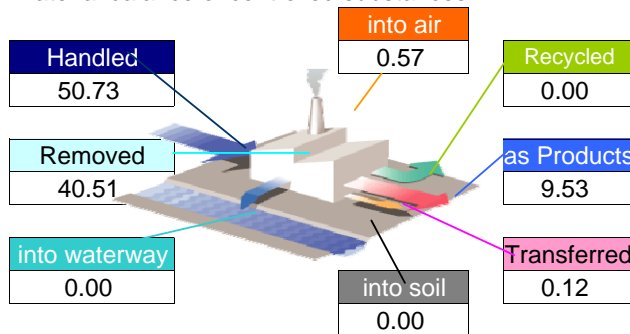
Unit: 1000t, %



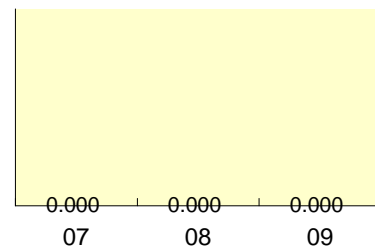
Chemical substances

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/

About the above data

Waste: not influenceable waste generated during production process was not calculated in 2009

Compliance

FY2009

<Air pollutant measurement results>

	Unit	Facility name	Legal limit	Voluntary limit	Average measured	Maximum measured	Measuring frequency
SOx	Nm ³ /h	N/A					
NOx	ppm	N/A					
Particulate	g/Nm ³	C - total Varnish Eisenmann TNV	0.02	0.02	0.00	0.00	1time/3years
		C - total Varnish Eisenmann Cooling	0.02	0.02	0.01	0.02	1time/3years
		C - total Varnish Bookmann TNV	0.02	0.02	0.01	0.01	1time/3years

<Water pollutant measurement results>

	Unit	Facility name	Legal limit	Voluntary limit	Average measured	Maximum measured	Measuring frequency
COD	mg/l	N/A					
BOD	mg/l	N/A					
Nitrogen	mg/l	N/A					
Phosphorus	mg/l	N/A					

<Noise and vibration>

	Unit	Measurement Area	Legal limit	Voluntary limit	Average measured	Maximum measured	Measuring frequency
Noise	dB	DT outside of production building	70.00	70.00	52.64	68.30	on demand
		NT outside of production building	65.00	65.00	45.65	52.10	on demand
Vibration	dB	DT N/A					
		NT 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.

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

The following company policy as well as the resulting objectives apply to all PEWVS personnel. Panasonic Electric Works Vossloh-Schwabe offers a complete range of components for the lighting industry all over the world.

The VS Company Management's objective is to steady strengthen and improve PEWVS' s market position in order to achieve the planned economic results and, thus, to guarantee the continued existence of the company in the long term.

The VS Company Management wishes to implement this policy through the achievement of the following

- Application of social responsibility

The identification of and compliance with the relevant environmental protection and industrial safety law and regulations, the prevention of the different types of pollution and the conservation of resources through the continuous improvement in products and processes always have the priority over any other objective.

The objective of VS is to reduce the environmental impact of relevant aspects.

Aiming to reduction of environmental impact



Transport - Unloading of hazardous substances in Outside Areas:

Protective measures to prevent environmental accidents, close the duct cover



Regular site Inspections

continuous site Inspection with records - Informations to the responsible Departments and General Factory Management.

Training of the Employees

continuous sensitization of the employees, to comply with the measures to protect the environment.

Environmental Communication

VS has a central QM-System which is applied in all its sites.
VS production locations worldwide as well as the largest sales subsidiaries are certified according to ISO 9001 and ISO 14001.
All fundamental processes and the main Environmental aspects are subjected to directions supervision by defined figures [MM 7 Report].
The conformity of our products to the relevant requirements is controlled at every stage of production.
In order to maintain our high quality standards and to take under control the environmental performances our employees are regularly trained.

Emergency preparedness and response



About our concept and training plan VSU / VSEL have special emergency schedules:

- emergency with hazardous substances
- emergency with person
- emergency in case of fire
- emergency in case of flood water

handling with liquid hazardous substances during loading or unloading - process.

This Items are discussed during the annual working safety training, and with each new employee in Urbach.