Panasonic Automotive Systems Czech, s.r.o. (Old company name: Panasonic Mobile & Automotive Systems Czech, s.r.o.)

Address	U Panasonicu 266, 530 06 Pardubice-Staré Čívice				
Lot area	28814m²	Total floor area	19512㎡		
Establishment day	2001/3	Employees	1170persons		
ISO14001certification date	2003/2	ISO14001renewed	2009/4		
Major Products	car audio systems				
Environmental Communication	FY2011				
Information disclosure	4items	visitors on factory tour	1800persons	collaboration with municipality	0items
Contact	RM/EMS			TEL:	420,737,271,240

Message from Compliance Administrator

PASCZ was founded in March 2001and is based in the industrial zone of Pardubice-Stare Civice. Our factory has been certified with ISO 14001:1996 in February 2003 and then with the standard ISO 14001:2004 in May 2006. Last successful recertification based on ISO 14001:2004 proceeded in April 2009. Despite of our business expansion, we achieved CO_2 emissions decrease, reduction of water and chemical substances consumption, waste generation reduction, waste recycling rate increasing and improvement of other environmental aspects. Thanks to our effort PASCZ achieved GF Assessment Average 4,27. With CO_2 reduction theme, PASCZ successfully attended Cost Buster World Cup 2010 and awarded. Besides implementation a lots of eco-ideas for production, we continually spread eco-enlightenment among our employees and their children via environmental management system education, eco-exhibitions and other eco-activities held regularly in our factory.

Compliance Administrators
Hana Slouková

Main activities in FY2011

Target	Result
CO_2 BUSINESS PLAN: to produce 4423 t CO_2	RESULT: 4422 t CO_2 was achieved although to reduce CO_2 emissions despite of production increase was very difficult. As for reduction measures, we focused mainly on motive (compressor) and lighting. There are high investment measures with low ROI.
WASTE GENERATION REDUCTION TARGET: 3% (based on generation in the previous year) RECYCLING RATE TARGET: 95%	Waste generation reduction rate - RESULT: 4,9% We reached our target with sales and reusing of packaging material Recycling rate - RESULT: 98% We use the cement factory as a facility for alternative fuel
RELEASE/TRANSFER CHEMICAL SUBSTANCES REDUCTION TARGET: 361 kg (2% based on previous year for Key reduction target	Chemical substances reduction rate - RESULT: 1200 kg (6,7%) Improvement of IPA management (new gate door in chemical warehouse, records improvement etc.) helped us significantly reduce IPA consumption.

Products of Environmentally-conscious information

Toyota Verso

Porsche CDR 31

PASCZ is a OEM manufacturer of car audio systems. Our products are made for world-known car manufacturers, mainly located in Europe, but we deliver our products also to US and Japanese market. In FY2010 we produced 2.1 million car radios which is our historical maximum. For FY2011 and next years, a further continuous increase of production is planned.

PASCZ´s customers: AUDI, GM, TOYOTA, DAIMLER CHRYSLER, VOLKSWAGEN, SUZUKI, HONDA, PORSCHE, RENAULT

All models are assessed by development section in light of prohibited substances inclusion (based on Chemical Substances Management Rank Guidelines), conformity with all legal restrictions on chemical substances, energy consumption, CO_2 emissions, recycling rate, recycled material quantity and other criterions according to Product Environmental Assessment.

In PASCZ we use Pb and Pb free technology for soldering. Currently we produce majority of lead free products based on customer requests. All new models are Pb free.

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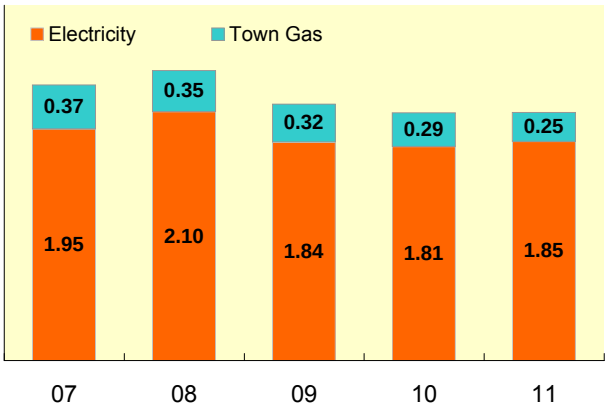
Panasonic Group Site Report 2011
FY2011 :April 1, 2010 - March 31, 2011

Environmental performance data

Year displayed in graph ex) 2011: April 1, 2010 - March 31, 2011

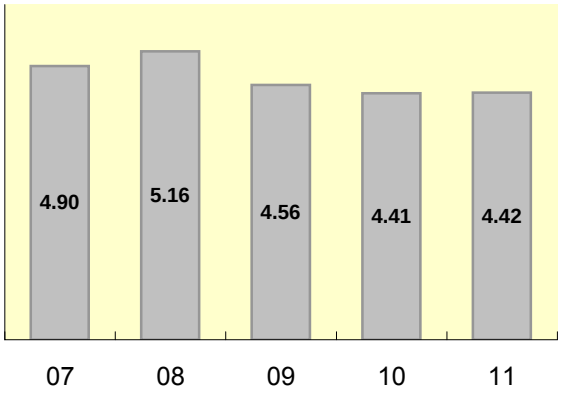
Energy

Unit: 1000kl



CO2 Emission

Unit: 1000t-CO2



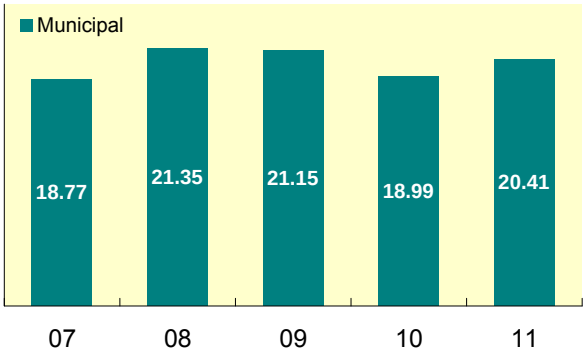
Natural Energy	FY2011
	0.00 1000kW/h

Calculation standards

CO2 emissions coeficient of electricity is kWh*0,548; gas consumption: m3*2,29

Water

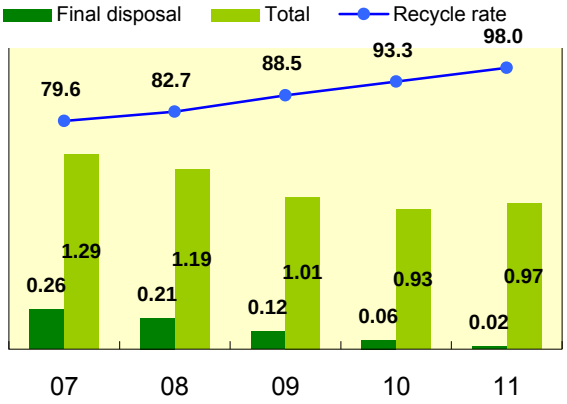
Unit: 1000m³



Circulated water		Rain-water	FY2011
0.00	m³	0.00	m³

Waste

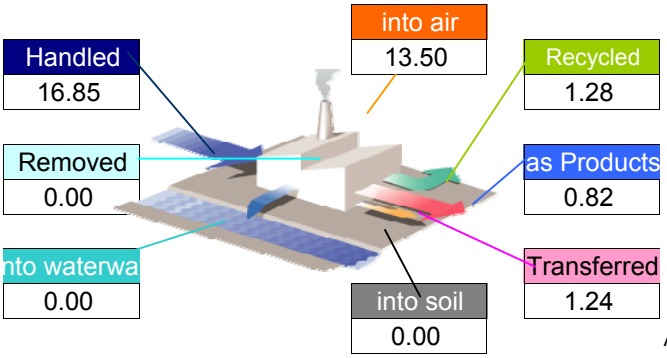
Unit: 1000t, %



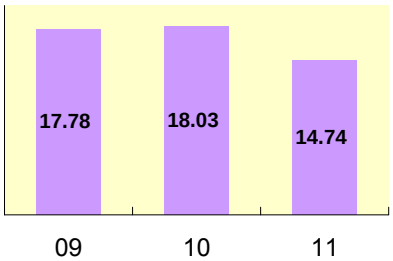
Chemical substances

Unit: t

Material balance of controlled substances FY2011



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

FY2011

<Air pollutant measurement results>

	Unit	Facility name	Legal limit	Voluntary limit	Average measured	Maximum measured	Measuring frequency
SOx	Nm³/h						
NOx	ppm	Facility & Maintainar	200.00		82.16		1x/ year
		Facility & Maintainar	200.00		39.35		1x/ year
		Facility & Maintainar	200.00		181.10		1x/ year
Particulate	g/Nm³	Production (PCB line	200.00		0.11		1x/ 5years
		Production (Insert lir	200.00		0.08		1x/ 5years

<Water pollutant measurement results>

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

<Noise and vibration>

	Unit	Measurement Area		Legal limit	Voluntary limit	Average measured	Maximum measured	Measuring frequency
Noise	dB	DT						
		NT						
Vibration	dB	DT						
		NT						

*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

Panasonic Automotive Systems Czech, s. r. o., world producer of car audio systems and radios is fully aware of the responsibility of the mankind for authority and protection of the nature balance and engages to reach the best results in the nature protection management and to improve permanently its efficiency.

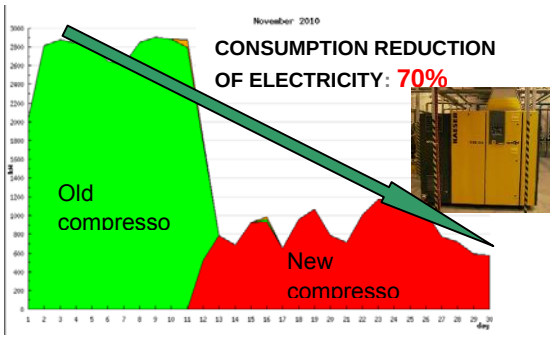
Our basic target is to follow all the requirements of the environmental legislative and other obligatory prescriptions and to carry on appropriate steps to protect the nature and to use sustainable nature resources during transportation, storage, production, sales and using of our products.

We mainly engage:

* To develop and keep an effective system of the environmental management as a part of our business and everyday activities.
* To define and convey tasks and responsibilities for environment protection management on all the levels and
functions in the whole company.
* To carefully analyse, monitor and make appropriate steps before planning and initiating of a new production or gaining new territories or initiating prospectus to carry on a total impact on an environment quality to make
appropriate steps to its despatching or elimination or reduction.
* To set annual aims, final values and managing programs to provide permanent improving of our activities.
* To provide appropriate school-in and information to our employees and business partners to make sure, t are fully informed about environment protection circumstances to realize the aims of the company.
* To communicate effectively with our interested parties.
* To monitor our activities and provide regular audits to verify its conjunction with established technologies and requirements.
* To execute regular every-year revision of the managing system, to ensure suitability and efficiency and oc to other improvement were identified.

This policy is declared by the management of the company and it is obligatory for all the employees to follo

Aiming to reduction of environmental impact



Instalment of new compressor with inverter

Through the energy conservation diagnosis, we understood that there was a waste in the compressed air generation and that the current equipment consumption must be improved significantly.

There are 3 important components which contribute to high saving: compressor + inverter + condensing air dryer. Although equipment is very expensive, it is also very effective and return of investment is 0.8 year. Total saving is 311t of CO2. Since the installation was done by the end of 2010, the effect for CO2 reduction will appear in the FY2011.

Before After

Improvement of IPA management

Several measures for better management with IPA were conducted in FY2010:
1.) Installation of fence in WH where only people with permission can take IPA
2.) Checking of records on storage cards in WH
3.) Checking of IPA consumption in production

Total saving is 1t of IPA, ROI is 0,8 year.

Environmental Communication

European Green Factory Task Force Meeting

In March 2011 EU GF Task Force intent mainly on Waste/Recycle activities was held in PASCZ. Other themes to discuss and exchange experience were energy conservation, chemical substances management at factory, soil management etc.

There were 22 participants from 11 Panasonic European Companies: PECPL, Sanyo Hungary, PAVCCZ, PMUK, PSNUK, PEW,VSO, PAVCSK, PEDEU SK, PECBE, PASCZ , Panasonic Company, Panasonic Europe

PASCZ was reported as excellent example for Waste/Recycle activities.

Eco-competition for employees´children

In PASCZ we announced eco-competition for children of employees "The Best Eco-Artifact Award".
Topic "Biodiversity" - several themes for pictures (animal or plant living in wood, in river, on meadow) or origami.
40 winners and their parents attended of enjoyable trip to ZOO Dvur Kralove.

Besides this, PASCZ adopted 2 birds (TSURU) in ZOO for suppor of biodiversity. Bonus from ZOO was special program for winners of eco-competition.

Emergency preparedness and response

About our concept and training plan

Our factory has worked out training plan according to that all employees are regularly trained.
Basic trainings are following:
* Work safety & fire protection * EMS training including Plan of measures in the risk of accidental water quality deterioration
Besides basic trainings there are the special ones determined for specially designated people:
* Preventive health patrols * Preventive fire protection patrols

Emergency training

To make sure every employee is acquainted with behaviour for the state of emergency, PASCZ periodically drills its employees in emergency preparedness and response which also includes practice of evacuation in case of fire risk. This is one of the activities we practice to try to avoid environmental damage.