

Panasonic AVC Networks Slovakia, s.r.o.

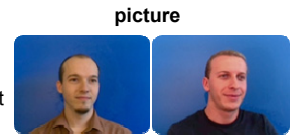
Panasonic Group Site Report 2011
 FY2011 :April 1, 2010 - March 31, 2011

Address	Panasonic AVC Networks Slovakia s.r.o.,Hornádska 80, 053 42 Krompachy		
Establishment day	2000/10		
ISO14001certification date	2001/6	ISO14001renewed	2010/7
Major Products	BD-P, HD-R, DVD-R, COMBI-R, BD-R		
Environmental Information disclosure	CommunicationFY2010 2items	visitors on factory tours	384person s
Contact	General Affairs department		TEL: 534180333



Message from Compliance Administrator

To support one of the main targets of the Panasonic Corporation - becoming No.1 green innovation company, also PAVCSK focuses to become No.1 Green Innovation Company in the European Consumer Electronics Industry. To achieve this challenging target, all PAVCSK employees make continuous effort to create many new "eco ideas" for Lifestyles as well as eco ideas' for Business-styles. All "Eco" activities are focused to reduce the environmental impact of PAVCSK operation to the nature/environment and focus especially on improving energy/water/chemicals consumption and reduction of waste creation.



Compliance Administrators
Mr.Svoboda,Mr.Carnoky

Main activities in FY2010

Target	Result
Improve efficiency of air-condition/cooling units in office and canteen area by introducing time program	Total saving of 11.193,00kg of CO2 (52.086,00KWh)
Adjustment of inside area temperatures during non production winter holiday time	Total saving of 26.948,00kg of CO2 achieved during winter holiday
Exchange of old fluorescent lights in office area into LED type lights (180pcs-120cm tube, 220pcs-60cm tube)	Total saving by exchanging in summary 400pcs of tubes into LED tubes - 14,95MW of electric energy (3,2t of CO2)

Products of Environmentally-conscious information



Product DMR-BS850
 Blue-ray recorder
 RoHS compliant
 REACH compliant
 low energy consumption



Product DMP-BDT300
 Blue-ray player
 RoHS compliant
 REACH compliant
 low energy consumption



Product DMR-EH53
 DVD recorder
 RoHS compliant
 REACH compliant
 low energy consumption



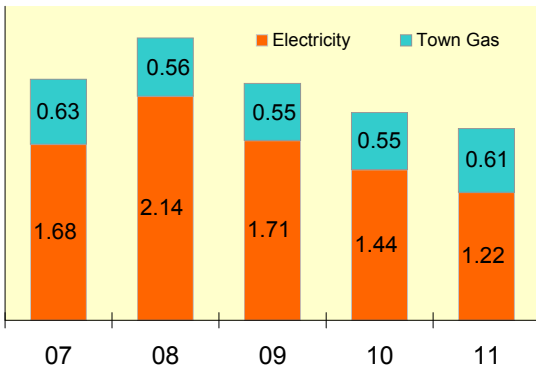
Product DMR-EX72S
 DVD recorder
 RoHS compliant
 REACH compliant
 low energy consumption

Environmental performance data

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

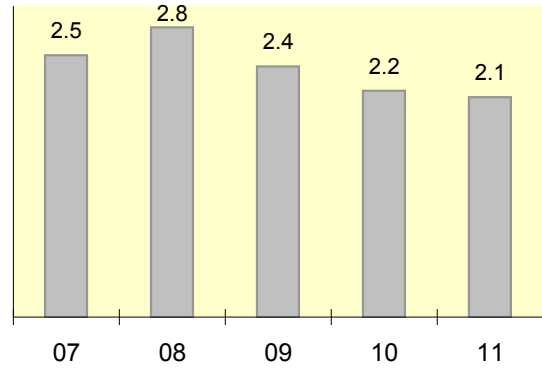
Energy

Unit: 1000kl



CO2 Emission

Unit: 1000t-CO2

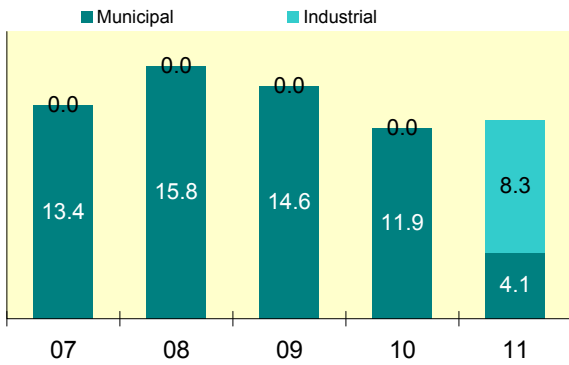


Calculation standards

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.

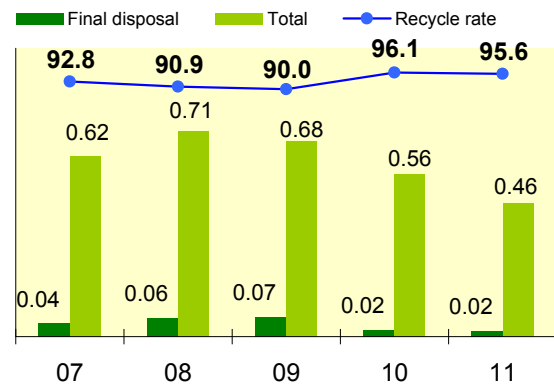
Water

Unit: 1000m³



Waste

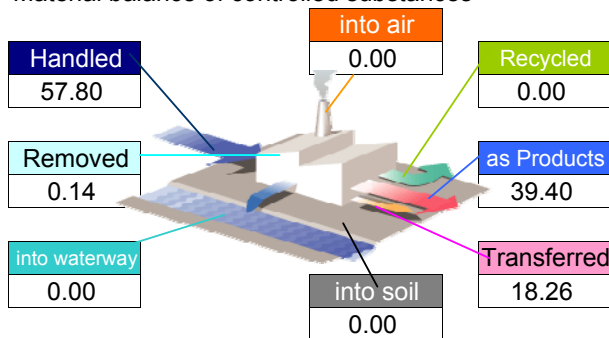
Unit: 1000t, %



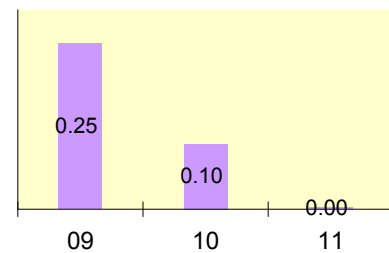
Chemical substances

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

There is no item to report.

Compliance FY2011**<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	Air condition unit for heating with gas consumption.	200.00		76.00	79.00	every 6 year
		Air condition unit for heating with gas consumption.	200.00		75.00	78.00	every 6 year
		Air condition unit for heating with gas consumption.	200.00		67.50	68.00	every 6 year
Particulate	g/Nm ³	N/A					

<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 INSIDE of PAVCSK buildings	85.00	85.00	74.35	78.00	AM8:00-PM13:00
		NT N/A					
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

Príloha č. 7: Environmentálna politika spoločnosti PANASONIC AVC Networks Slovakia, s.r.o.

Spoločnosť Panasonic AVC Networks Slovakia s.r.o. je presvedčená, že zdravé životné prostredie je nevyhnutné pre blaho spoločnosti, všetkých ľudí a úspech podnikania a je základom pre stabilnú a silnú ekonomiku ako aj základom pre ďalší rozvoj celej spoločnosti.

Spoločnosť Panasonic AVC Networks Slovakia s.r.o. si uvedomuje, že ako významný podnikateľ, zamestnávateľ a poskytovateľ služieb pre spoločnosť, môže mať vplyv na životné prostredie. PAVCSK sa bude preto usilovať o dosiahnutie stabilnejšej a istejšej budúcnosti minimalizovaním škodlivých vplyvov svojej činnosti na životné prostredie

Tento záväzok sa vzťahuje na všetky oblasti činnosti PAVCSK. Zahŕňa kontrolu environmentálnych vplyvov v oblasti vôd, odpadov, energií, pôdy, produktov a služieb. Tento záväzok sa vzťahuje aj na činnosti vykonávané v spolupráci s obchodnými partnermi PAVCSK, vrátane dodávateľov a poskytovateľov služieb.

Environmentálna politika PAVCSK zahŕňa a má teda za cieľ pomôcť spoločnosti:

- konať v súlade s environmentálnou legislatívou
- minimalizovať škodlivé vplyvy svojej činnosti na životné prostredie a to hlavne v oblasti:
 - redukcie množstva chemikálií vypúšťaných do prostredia
 - redukcie spotreby vody
 - redukcie spotreby elektrickej energie svojich výrobných technológií ako aj samotných produktov
 - znižovania množstva odpadov a zvyšovania podielu recyklovateľných odpadov
- zväziť možnosti zlepšenia životného prostredia
- zvýšiť povedomie zamestnancov v oblasti environmentálnej politiky a zodpovednosti
- podporovať vzájomnú spoluprácu s partnermi

Environmentálna politika PAVCSK :

- je založená na neustálej realizácii princípov kvality a ochrany životného prostredia z hľadiska osobnostných, organizačných a technických predpokladov
 - predstavuje a vytvára základný rámec pre stanovovanie ako aj následné preskúmavanie dlhodobých a krátkodobých environmentálnych cieľov.
 - odráža produkciu výrobkov spoločnosti ako aj poskytovanie služieb a to pri zabezpečení:
 - najvyššej možnej kvality
 - úplného súladu s požiadavkami zákazníkov
 - súladu so všetkými významnými právnymi požiadavkami
 - neustáleho zlepšovania ochrany životného prostredia
- Vrcholový manažment spoločnosti Panasonic AVC Networks Slovakia, s.r.o. sa týmto zaväzuje, že zaistí dostupnosť všetkých potrebných zdrojov pre vypracovanie, zavedenie a trvalý rozvoj a zlepšovanie integrovaného systému manažérstva organizácie a zároveň vytvorí podmienky pre plnenie všetkých súvisiacich požiadaviek a platnej legislatívy.

Osamu Okauchi
Konateľ spoločnosti

Aiming to reduction of environmental impact



PAVCSK main production hall building is over 50 years old and provides very little heat isolation. Therefore PAVCSK started a project of repairing the outside production hall walls by putting a special heat isolation in order to reduce the amount of energy needed for heating in the long winter season of PAVCSK.



PAVCSK will continue with this activity also in the next years, where also the remaining buildings will be repaired.

Environmental Communication



PAVCSK employees joined a voluntary environmental activity focused on planting new trees in the area surrounding Krompachy city, where PAVCSK is located. The woods in the area heavily destroyed by long history of heavy metal industry, which was polluting the nature for over 100 years. Step by step we are trying to restore the environment.



PAVCSK employees will continue joining all voluntary environmental activities and a plan for similar activities in established.



Emergency preparedness and response

About our concept and training plan

PAVCSK regularly on at least yearly base performs an emergency evacuation of all employees as a simulation of case of fire.

PAVCSK regularly performs several "disaster" trainings, for the cases of e.g. leakage of chemical materials.



Case of a training

Training/simulation how to handle a leakage of fuel used in special garden equipment.

A special "emergency" set was used to eliminate the leaked fuel and the waste has been disposed according to valid SK waste treatment regulations.

Similar trainings are performed several times per year to secure correct response of employees in case of emergency situations.