


Panasonic AVC Networks de Baja California SA de CV

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

Address	2ndo Eje Oriente, Poniente No.19400 Cd. Industrial Mesa de Otay, Tijuana Baja California, CP 22444				
Establishment day	1979/4				
ISO14001 certification date	1996/5	ISO14001 renewed	2010/12		
Major Products	Plasma TV Sets, LCD TV Sets,				
Environmental Information disclosure	6items	visitors on factory tour	6persons		collaboration with municipality
Contact	Environmental		TEL:	(619) 661-2363	

Message from Compliance Administrator

PAVC-BC Environmental and Environmental coordinators departments undertakes every day and is concerned with the environmental conservation of our planet, always looking for opportunities to improve by increasing recycling, reduce chemical usage on the production process and staff areas, reduction of water and energy consumption. Now it is very important to create awareness to all the people in the industry and the rest of the world.



Compliance Administrators

Jorge Ramirez

Main activities in FY2010

Target	Result
CO2 Emission Reduction	Reduce CO2 ton emission in a 13 % vs. BP 8,839 CO2 ton → 7,662 CO2 tons
Industrial Waste Reduction	Reduction from BP from 411.24 tons to 193.33 tons (53%) Recycling % BP 96% → 98.1%
Water Consumption Reduction	Reduction water consumption from BP: 30,348 m3 → to 29,577 m3 (2.5%)

Products of Environmentally-conscious information



Viera TC-P42G25
42" 1080p Resolution
100,000 Hour lifespan
600 Hz sub field Drive
Viera Cast

Point of environmentally-conscious
Lead & Mercury free construction
Energy Star 4.0 qualified
RoHS compliance
Power Supply stand by sleep 0.3 watt



Viera TC-P54S2
54" 1080p Resolution
100,000 Hour lifespan
600 Hz sub field Drive

Point of environmentally-conscious
Lead & Mercury free construction
Energy Star 4.0 qualified
RoHS compliance
Power Supply stand by sleep 0.3 watt



Viera TC-P42U2
42" 1080p Resolution
100,000 Hour lifespan
600 Hz sub field Drive

Point of environmentally-conscious
Lead & Mercury free construction
Energy Star 4.0 qualified
RoHS compliance
Power Supply stand by sleep 0.3 watt



Viera TC-P58VT25
58" 1080p Resolution
100,000 Hour lifespan
600 Hz sub field Drive
Viera Cast
3D capable

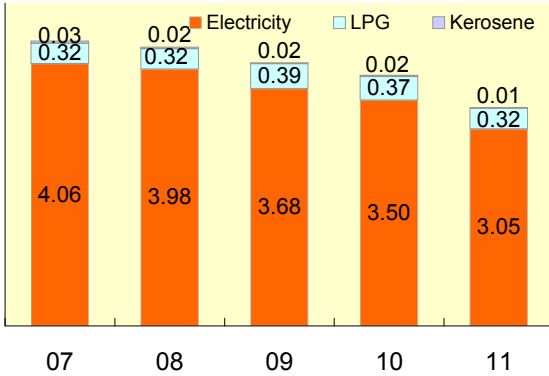
Point of environmentally-conscious
Lead & Mercury free construction
Energy Star 4.0 qualified
RoHS compliance
Power Supply stand by sleep 0.2 watt

Environmental performance data

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

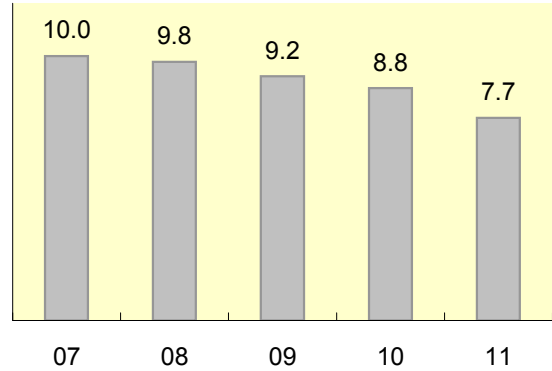
Energy

Unit: 1000kl



CO2 Emission

Unit: 1000t-CO2



Natural Energy

FY2011

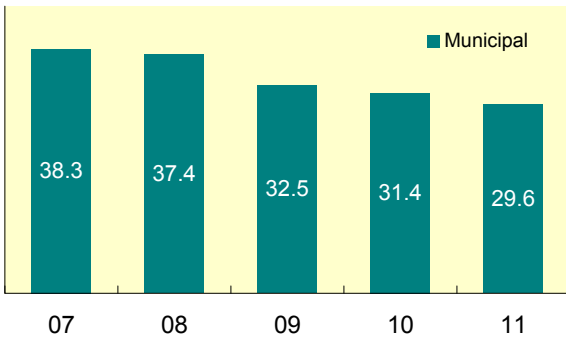
Solar Panels 29.61 1000kW/h

Calculation standards

The CO2 emissions coefficient for electricity in PAVCBC is 0.581 Kg-CO2 / Kwh.

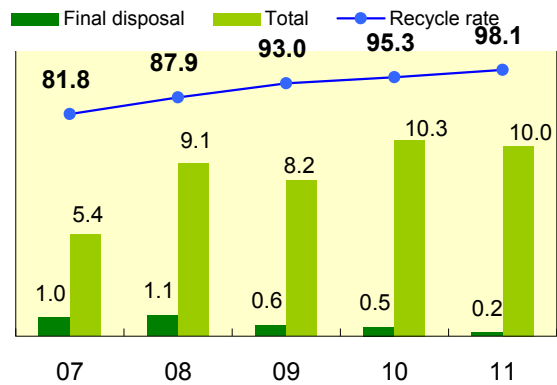
Water

Unit: 1000m³



Waste

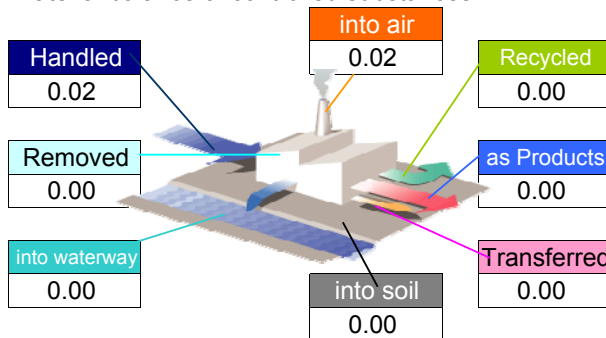
Unit: 1000t, %



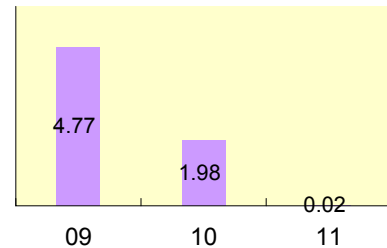
Chemical substances

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

PAVC-BC has been worked hard looking for opportunities for improvement, some of the activities are: For Energy & CO2 reduction; Introduction of Skylights (175), Lights and movement sensors, LED Lamps, Solar Energy. For Water: Waterless Urinals installation (41). For Waste; to increase recycling %, we were working hard educating people to avoid wasting material that can be recycling and looking for a different recycling companies to recycling new materials. For Chemicals; introduced a spray flux machines to avoid using alcohol.

Compliance FY2011

<Air pollutant measurement results>

	Unit	Facility name	Legal limit	Voluntary limit	Average measured	Maximum measured	Measuring frequency
SOx	Nm³/h	N/A					
NOx	ppm	N/A					
Particulate	mg/m3	Foam Densifier machine	1136.70			1.996	once a year

<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 N/A					
		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 point out by neighbor	

Environmental Policy

Fully aware that humankind has a special responsibility to respect and preserve the balance of the nature, we at **Panasonic AVC networks systems de Baja California**, acknowledge our obligation to maintain and nurture the ecology of this planet. Accordingly, we pledge ourselves to:

- *The prudent, sustainable use of the earth's resources and protection of the natural environment.
- * The prevention of pollution.
- *The establishment of objectives and targets.
- * The commitment to comply with the existing legislation and regulations and other requirements in our community.
- *The commitment to continually improve our environmental management system.

We will dedicate ourselves to achieve our goals, while we strive to fulfill our corporate mission of contributing to enhanced prosperity for all.

Aiming to reduction of environmental impact



Energy Savings fro CO2 emissions reduction:

PAVC-BC is worrying about environmental conservation, always is looking for ways to reduce energy consumption, by changing type of lamps, reduce lamps, use solar energy, using skylights, overnight plant inspection to detect wasting energy areas etc.



Water Reduction:

One of the activities to reduce water consumption, the flush water urinals has been replacing by waterless urinals, up to now all units has been replaced in all washrooms.

Environmental Communication



Expo Ambiente 2010:

Every year local government organizes Environmental Expo to promote recycling, wild life conservation, tree planting, water savings and CO2 reduction, which PAVC-BC participates every year. This time around 24,000 elementary students and around 5,000 adults assisted to the event, this time PAVC-BC receive 3rd place of the event as a best module.



Tijuana Beach Clean up 2010:

During September 2010, PAVC-BC joint with external environmental agencies to help community to clean up beaches and streams.

Emergency preparedness and response

About our concept and training plan

The Factory in compliance with to local, state and federal legal requirements, have an annual training program for environmental issues as well as health & safety, covering the emergency response to various conditions including, spills, fire, evacuations, electrical outage etc.



Case of a training

Brigade members are trained at least once a year, each training are in details, theory and live simulations with real simulation scenario, each member response according to they assigned responsibility that they have received. All four mayor brigades (evacuation, fire, first aid and chemical spills) are trained by professionals (local fire department of the city) all member get certified by the city of labor department.