

Environmental Data Book 2012-2013

ROHM Co., Ltd.

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Period covered by this report		
Fiscal year 2011 : April 1,2011 to March 31,2012		
Fiscal year 2012 : April 1,2012 to March 31,2013		
Scope of this Report		
The subject of this report is 18 locations: ROHM and its affiliates(9 domestic locations and 8 overseas locations). 3 companies of LAPIS Semiconductor Group are included in the affiliates. Because RMT stopped by a flood disaster in 2011, the date is not added up from fiscal year 2011 to 2012.		
Abbreviated Names of Overseas Af	filiates	
REPI: ROHM Electronics Philippines, Inc. RIST: ROHM Integrated Systems (Thailand) Co., Ltd. RSC: ROHM Semiconductor (China) Co., Ltd. REDA: ROHM Electronics Dalian Co., Ltd. RWEM: ROHM-Wako Electronics (Malaysia) Sdn. Bhd. RMPI: ROHM Mechatech Philippines, Inc. RMT: ROHM Mechatech (Thailand) Co., Ltd.	(Philippines) (Thailand) (China) (China) (Malaysia) (Philippines) (Thailand)	

Environmental Policy

ROHM Environmental Policy

ROHM's everlasting conscientiousness to preserve the global environment contributes to the healthy existence of humanity and to the continued prosperity of the company

- 1. Conserve energy by initiating innovative methods in all corporate activities.
- 2. Develop environmentally-conscious products that minimize the environmental burden by employing responsible processes throughout the life cycle of each product.
- 3. Give priority to the procurement of materials and products that have the least levels of adverse impact on the environment.
- 4. Comply with international and national environmental laws and regional agreements.
- 5. Endeavor to train employees and encourage our constituents to actively care for their surroundings and the global environment.
- 6. Develop positive relationships with the community through contributions to the local environment and the proper disclosure of environmental data.

ROHM established ROHM Environmental Policy applicable to the entire group company on October 20, 1997 based on the environmental international standard ISO 14001. Moreover, corresponding to the amendments in ISO 14001:2004(2nd edition:revised in 2004), we revised ROHM Environmental Policy completely in a clear, concise and accurate content furthermore on April 1, 2008.

ROHM's Action to Global Environmental Conservation



ROHM takes various actions to protect global environment based on ROHM Environmental Policy. We think that a corporate activity that contributes to the environment is not only producing environmentally-conscious products but even reducing the environmental burden throughout production process. Especially regarding the prevention of global warming, we take actions enthusiastically to reduce CO2 and other greenhouse gases generated from ROHM corporate activities. Moreover, hereafter, we'll establish long-term objectives and targets taking account of biodiversity, and take actions to realize sustainable society.

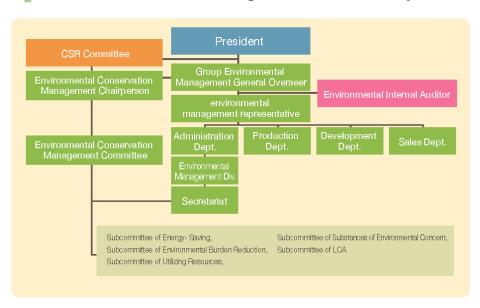
Environmental Management System

ROHM has expanded the ROHM Group common environmental management system, which is based on the international environmental standard ISO 14001, to the entire Group, and all of its employees are making efforts toward continual improvement of the environment. The ROHM Group's environmental actions expand ceaselessly as consolidated basis with a global viewpoint.

ROHM Group Environmental Management Promotion System



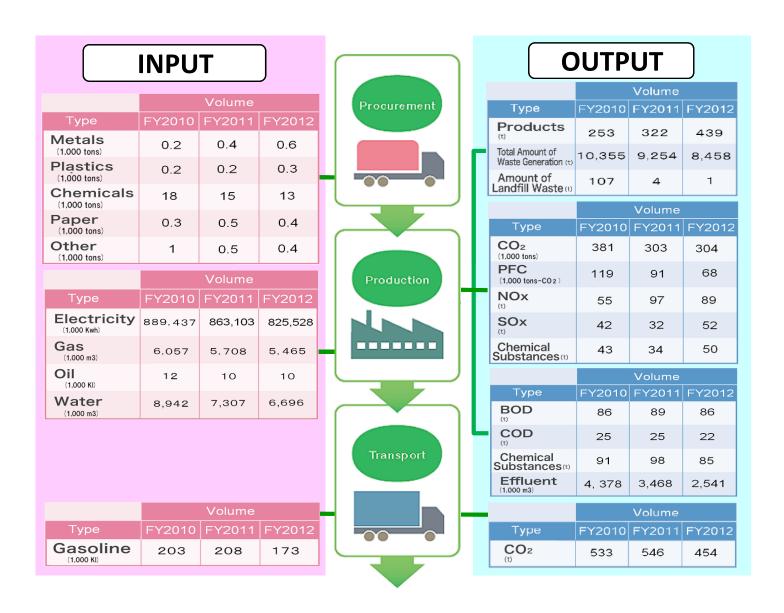
ROHM Environmental Management Promotion System



The environmental management promotion organization in ROHM Head Office started as the organization which conducted actions mainly about antipollution in 1990 and it was reconstructed into the new promotion organization that took actions about environmental conservation taking account of global environment. In this organization, ROHM environmental conservation management committee which deliberates the major plan and policy about ROHM environmental activities, and seven subcommittees which constitute it, have played the important role. The subcommittee is composed of the experts, the engineers, and the related national qualification holders of the field, and that subcommittee chairperson serves as a committee member of ROHM environmental conservation management committee. The committee and subcommittee meeting are held once a month.

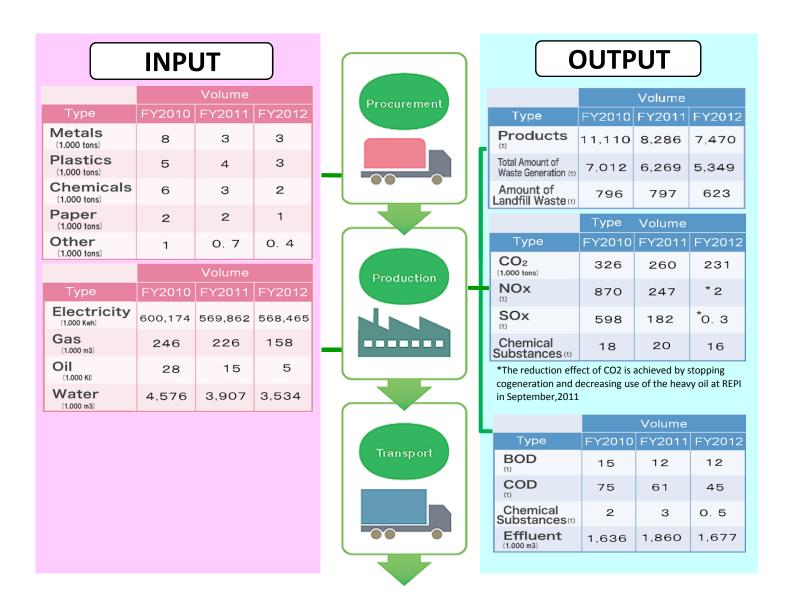
Environmental Burden Highlights

Domestic Group



<input/>	● Electricity ● Gas ● Oil ● Water	:Amount of electricity purchased from electric power company :Usage of city gas and LPG :Usage of heavy oil, light oil and kerosene :Usage of service water, industrial water and ground water
<output></output>	◆ CO ₂ ◆ NOX ◆ SOX ◆ BOD ◆ COD	CO ₂ emission generated by the use of electricity, gas and oil Nitrogen oxide emission generated by the burning of gas and oil Sulfer oxide emission generated by the burning of oil Biochemical Oxygen Demand emission Chemical Oxygen Demand emission

Overseas Group



<input/>	● Electricity ● Gas ● Oil ● Water	:Amount of electricity purchased from electric power company :Usage of city gas and LPG :Usage of heavy oil, light oil and kerosene :Usage of service water, industrial water and ground water
<output></output>	• CO₂ • NOx • SOx • BOD • COD	CO ₂ emission generated by the use of electricity, gas and oil Nitrogen oxide emission generated by the burning of gas and oil Sulfer oxide emission generated by the burning of oil Biochemical Oxygen Demand emission Chemical Oxygen Demand emission

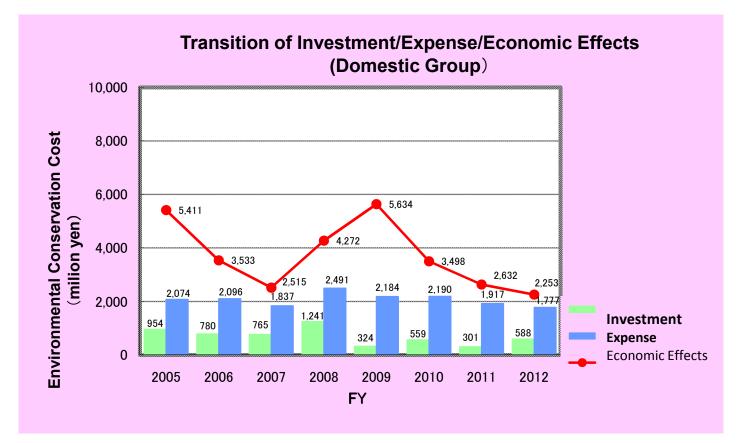
Environmental Accounting

Domestic Group

Environmental Conservation Cost and Economic Effects

(milion yen)

		FY2010			FY 2 011			FY2012			
Cost Classification at Guideline	Investment	Expense	Ec onomic Effects	I nv e stment	Expense	E c onomic Effects	I nv e stment	Expense	E c onomic Effects		
Antipollu t ion	118	1,242	-	50	920	-	290	883	-		
Gl obal E nvi r onmental Cons er vatio n	434	196	836	250	132	559	253	141	764		
Recycling Resources	2	4 31	2,6 6 2	1	3 6 7	2,073	1	382	1,4 9 0		
Man a ge me nt Activities	0	275	-	0	4 9 5	-	44	368	-		
Social A c tivitie s	5	4 6	-	0	4	-	0	3	-		
En v iro n me n tal Dama ge	0	0	-	0	0	-	0	0	-		
Other	0	0.4	-	0	0	_	0	0	-		
Total	5 5 9	2 ,190	3,4 9 8	301	1 ,917	2,632	588	1,777	2,2 5 3		

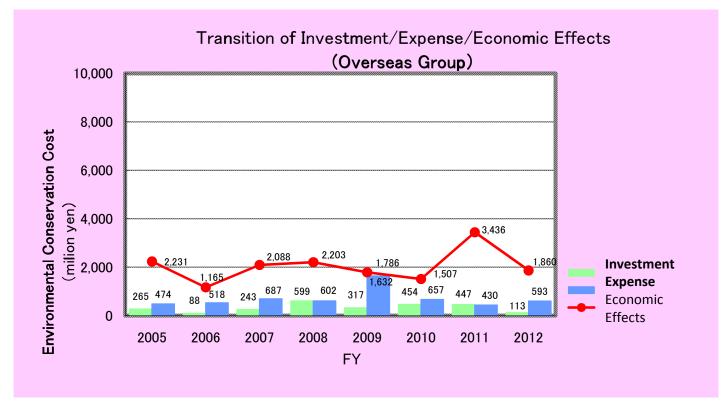


Environmental Conservation Cost and Economic Effects

(milion yen)

		FY 2 01 0		FY 2 011			FY2012			
Cost Classification at Guideline	In vestmen t	Expense	Ec onomic Effects	I nv e stment	Expense	E c onomic Effects	I nv e stment	E xp ense	E c onomic Effects	
Antipollution	276	345	-	64	2 21	-	3	385	-	
Gl obal E nvi r onmental Cons er vation	147	74	1,048	378	17	* 2,487	79	43	1,278	
Recycling Resources	31	194	459	0 .1	104	9 4 9	3 0	74	5 8 2	
Man a ge me nt Activities	0.2	2 9	-	4	51	-	1.2	55	-	
Social A c tivitie s	0.1	14	-	0 .027	15	-	0.2	0.7	_	
En v iro n me n tal Dama ge	0	0	-	0	0	-	0	0	-	
Other	0	0.6	_	0	22	0	0.354	35	-	
Total	454	6 5 7	1,5 0 7	447	4 3 0	* 3,436	113	593	1,8 6 0	

 ^{*}The reduction effect on cost is achieved by stopping the cogeneration and changing to power purchase at REPI in September, 2011.



All ROHM Site Reports

ROHM Co., Ltd. 21 Saiin Mizosaki-cho, Ukyo-ku, Kyoto



Manufacture of Eelectronic Parts like semiconductor

ltem FY		2010	2011	2012
Power Consumption	kWh	97,413,000	98,556,000	86,937,000
Fuel Consumption	kl	1,658	1,559	1,419
Water Consumption	1,000 m ³	977	1047	983
Total Amount of Waste Generation	t	858	584	502
Amount of Landfill Waste	t	1.4	0.0	0.04
Recycling Resources Rate	%	99.8	100	99.99
NOx	t	5.1	1.7	1.5
BOD	t	6.1	6.1	6.1

PRTR (t)

PRTR		2010	2011			20	12		
Ordinance No.	Substance	Amount used	Amount used	Amount used	Amount released	Amount transferred	Amount consumed	Amount eliminated	Amount recycled
213 N,	N-dimethylacetamide	8.2	1.1	-	-	-	-	-	-
332 Ar	rsenic and its inorganic compounds	1.1	0.8	0.7	-	-	-	-	0.7
374 Hy	ydrogen fluoride and its water-soluble salts	17.9	20.8	7.5	0.2	0.4	-	6.9	-

ROHM Hamamatsu Co., Ltd.

10 Sanwa-cho, Minami-ku, Hamamatsu



Manufacture of ICs and LEDs

ltem FY		2010	2011	2012
Power Consumption	kWh	130,231,000	141,461,000	147,649,000
Fuel Consumption	kl	3,647	3,411	3,493
Water Consumption	1,000 m ³	1,067	1,160	1,096
Total Amount of Waste Generation	t	862	943	984
Amount of Landfill Waste	t	0.1	0.2	0.2
Recycling Resources Rate	%	99.90	99.98	99.98
NOx	t	6.0	5.2	5.2
BOD	t	55	60	60

PRTR PRTR 2010 2011 2012 Ordinance Amount Amount Amount Substance 374 Hydrogen fluoride and its water-soluble salts 46.8 51.1 41.6 45.6 4.0

ROHM Tsukuba Co., Ltd.

10 Kitahara, Tsukuba, **I**baraki



Manufacture of Transistors, Diodes and SiC

ltem FY		2010	2011	2012
Power Consumption	kWh	51,890,592	48,028,651	52,124,616
Fuel Consumption	kl	1,040	898	789
Water Consumption	1,000 m ³	428	451	423
Total Amount of Waste Generation	t	1,227	1,127	1,252
Amount of Landfill Waste	t	89.9	0.0	0.0
Recycling Resources Rate	%	92.7	100.0	100.0
NOx	t	0.9	2.0	0.5
BOD	t	2.7	2.0	1.8

PRTR (t)

PRTR		2010	2011			20	12		
Ordinance No	Substance	Amount used	Amount used	Amount used	Amount released	Amount transferred	Amount consumed	Amount eliminated	Amount recycled
374 H	lydrogen fluoride and its water-soluble salts	13.9	17.4	18.2	_	0.3	-	-	17.9



Manufacture of ICs, Diodes and LEDs

ltem FY		2010	2011	2012
Power Consumption	kWh	94,903,660	95,047,700	91,022,400
Fuel Consumption	kl	656	609	640
Water Consumption	1,000 m ³	631	631	583
Total Amount of Waste Generat	dt	1,672	1,403	1,247
Amount of Landfill Waste	t	0.5	0.3	0.3
Recycling Resources Rate	%	99.9	99.98	99 98
NOx	t	2.0	1.2	2.0
SOx	t	0.9	0.7	0.5
BOD	t	4.3	3.5	4.3

■PRTR (t)

PRTR		2010	2011			20	12		
Ordinance No.	Substance	Amount used	Amount used	Amount used	Amount released	Amount transferred	Amount consumed	Amount eliminated	Amount recycled
53	Ethylbenzene	4.0	6.8	6.0	4.1	-	-	-	1.9
58	Ethylene glycol monomethyl ether	3.8	3.5	3.3	-	-	-	-	3.0
80	Xylene	32.8	24.3	18.7	1.8	-	-	-	16.9
82	Silver and its water-soluble compounds	2.2	1.5	1.8	-	-	0.5	-	1.3
213	N,N-dimethylacetamide	2.7	1.9	-	-	-	-	-	-
302	Naphthalene	15.9	12.3	10.3	0.1	-	-	-	10.2
343	Pyrocatechol	1.8	1.5	1.2	-	-	-	-	1.2
374	Hydrogen fluoride and its water-soluble salts	37.2	37.1	32.7	0.1	1.8	-	30.8	-
438	Methyl naphthalene	27.3	22.5	20.3	0.1	-	5.7	=	14.

ROHM Apollo Co.,Ltd.

1164-2, Hiyoshi, Hirokawa, Yame, Fukuoka



Manufacture of ICs, Transistors, Diodes, SiC and Tantalum Capacitors

Item	2010	2011	2012	
Power Consumption	kWh	156,667,954	147,396,605	148,042,331
Fuel Consumption	kl	2,460	2,222	2,457
Water Consumption	1,000 m ³	1,324	1,313	1,217
Total Amount of Waste Generati	d t	1,990	1,857	1,622
Amount of Landfill Waste	t	0.3	0.2	0.3
Recycling Resources Rate	%	99.9	99.99	99.98
NOx	t	7.0	5.5	4.0
SOx	t	4.0	2.9	3.8
BOD	t	12	12	10
COD	t	1.9	1.6	1.6

■PRTR (t)

PRTR		2010	2011			20	12		
Ordinance No.	Substance	Amount used	Amount used	Amount used	Amount released	Amount transferred	Amount consumed	Amount eliminated	Amount recycled
20	2-aminoethanol	-	-	-	_	-	-	-	
53	Ethylbenzene	3.1	3.0	2.1	-	-	-	-	2.1
80	Xylene	3.0	2.7	1.7	0.5	-	-	-	1.2
82	Silver and its water-soluble compounds	0.4	0.3	1.2	-	-	1.1	-	0.1
213	N,N-dimethylacetamide	4.6	-	-	-	-	-	-	
341	piperazine	1.1	-	-	-	-	-	-	
374	Hydrogen fluoride and its water-soluble salts	34.9	29.9	25.9	0.4	2.2	-	23.3	
412	Manganese and its compounds	1.1	0.9	1.2	-	-	0.9	-	0.4
438	Methyl naphthalene	24.3	22.3	21.0	0.1	-	21.0	-	



Manufacture of Molding Dies and Lead Frames

ltem FY		2010	2011	2012	
Power Consumption	kWh	2,665,368	2,874,222	3,482,000	
Water Consumption	1,000 m ³	1.8	2.0	2	
Total Amount of Waste Genera	tidt	19 9	22	31.9	
Amount of Landfill Waste	t	0 9	0.0	0.0	
Recycling Resources Rate	%	95 5	100.0	100.0	
BOD	t	0.01	0.00	0.00	
COD	t	0.01	0.00	0.00	

LAPIS Semiconductor Co., Ltd.

550-1 Higashlasakawa-cho, Hachioji-shi, Tokyo

* At LAPIS Semiconducor,the production stopped in March 29, 2013. The head office moved to Shin-Yokohama in March, 2013.



Manufacture of ICs

ltem FY		2010	2011	2012	
Power Consumption	kWh	35,573,980	30,471,420	21,507,706	
Fuel Consumption	kl	990	739	554	
Water Consumption	1,000 m ³	287	230	132	
Total Amount of Waste Generation		390	198	132	
Amount of Landfill Waste	t	0.5	0.0	0.0	
Recycling Resources Rate	%	99.9	100.0	100.0	
NOx	t	1.0	0.5	0.3	
BOD	t	2.0	1.2	0.8	

■PRTR (t)

PRTR		2010	2011			20	12		
Ordinance No.	Substance	Amount used	Amount used	Amount used	Amount released	Amount transferred	Amount consumed	Amount eliminated	Amount recycled
20 2-amino	ethanol	3.1	2.3	-	-	-	-	-	-
71 Ferric ch	loride	13.3	10.0	8.9	-	-	-	8.9	-
91 chlorobe	enzene	-	-	1.1	0.2	-	-	-	0.9
232 N,N-dim	ethylacetamide	2.4	2.4	2.7	0.5	-	-	-	2.2

LAPIS Semiconductor Miyagi Co.,Ltd.

1 Okinodaira, Ohira-mura, Kurokawa-gun, Miyagi



Manufacture of ICs

Item	2010	2011	2012	
Power Consumption	kWh	135,732,980	133,396,200	120,586,390
Fuel Consumption	kl	4,411	3,701	3,534
Water Consumption	1,000 m ³	1,544	1,592	1,421
Total Amount of Waste Generation	t	1,427	1,509	1,144
Amount of Landfill Waste	t	2.6	1.1	0.5
Recycling Resources Rate	%	99.78	99.93	99.96
NOx	t	16	12	12
SOx	t	10	8	5
BOD	t	3.0	2.3	1.8
COD	t	22	22	19

■PRTR 2012 PRTR 2010 2011 Ordinance Amount Amount Amount Amount Substance eliminated used transferred 232 N,N-dimethylacetamide 1.8 278 Triethylenetetramine 1.9 2.3 1.5 0.3 1.2 343 Pyrocatechol 1.1 374 Hydrogen fluoride and its water-soluble salts 53.8 46.2 53.3 46.5 0.3 438 Methyl naphthalene 50.1 42.0 0.2 39.7 39.9

LAPIS Semiconductor Miyazaki Co.,Ltd. 727 Kihara, Kiyotake-cho, Miyazaki-shi, Miyazaki



Manufacture of ICs

ltem	2010	2011	2012	
Power Consumption	kWh	184,358,530	164,717,837	168,147,914
Fuel Consumption	kl	3,389	6,400	6,298
Water Consumption	1,000 m ³	891	880	835
Total Amount of Waste Generation	t	1,909	1,592	1,527
Amount of Landfill Waste	t	10.6	2.6	0.0
Recycling Resources Rate	%	99.4	99.8	100.0
NOx	t	17	69	63
SOx	t	27	21	42
BOD	t	1.5	1.4	1.3
COD	t	1.2	1.5	1.4
■PRTR			_	(t)

PRTR		2010	2011			20	12		
Ordinance No	Substance	Amount used	Amount used	Amount used	Amount released	Amount transferred	Amount consumed	Amount eliminated	Amount recycled
20 2-ami	noethanol	18.3	11.0	5.6	1	4.6	-	-	-
80 Xylen	e	4.5	3.2	1.8	0.3	1.5	-	-	-
343 Pyroc	atechol	0.9	-	-	-	-	-	-	-
374 Hydro	ogen fluoride and its water-soluble salts	32.9	27.3	21.2	0.1	2.3	-	18.7	-
438 Meth	yl naphthalene	39.9	75.7	74.8	0.4	-	-	74.4	-

ROHM Logistec Co.,Ltd.

75 Masusaka, Kamogata-cho, Asakuchi, Okayama



Distribution of ROHM Products

Item	2010	2011	2012	
Power Consumption	kWh	1,132,752	1,072,722	1,040,688
Fuel Consumption	kl	93	84	92
Water Consumption	1,000 m ³	4	4	4
Total Amount of Waste General	idt	18	20	16
Amount of Landfill Waste	t	0.04	0.04	0.01
Recycling Resources Rate	%	99.8	99.8	99.9
NOx	t	0.1	0.1	0.1
SOx	t	0.1	0.1	0.1
BOD	t	0.02	0.01	0.01



Manufacture of ICs, Transistors, Diodes, LED Displays

ltem	2010	2011	2012	
Power Consumption	kWh	34,170,043	36,041,344	35,907,830
Fuel Consumption	kl	0	68	59
Water Consumption	1,000 m ³	77	98	103
Total Amount of Waste Generation	t	424	464.4	463
Amount of Landfill Waste	t	0.7	0.8	0.4
Recycling Resources Rate	%	99.8	99.82	99.9
BOD	t	0.2	0.35	0.2
COD	t	0.5	0.7	0.4

■PRTR (t)

PRTR		2010	2011			20	12		
Ordinance No.	Substance	Amount used	Amount used	Amount used	Amount released	Amount transferred	Amount consumed	Amount eliminated	Amount recycled
31 Anti	mony and its compounds	7.8	6.4	6.5	-	-	2.7	-	3.8

ROHM Electronics Philippines, Inc.

People's Technology Complex Special Economic Zone, Carmona, Cavite 4116 Philippines



Manufacture of ICs, Transistors, Diodes and Resistors

Item	2010	2011	2012	
Power Consumption	kWh	69,708,666	152,582,910	188,036,311
Fuel Consumption	kl	28,882	9,527	419
Water Consumption	1,000 m ³	1,497	1,374	1,122
Total Amount of Waste Generation	t	1,232	1,253	1,152
Amount of Landfill Waste	t	0	0	0
Recycling Resources Rate	%	100	100	100
NOx	t	870	247	0.1
SOx	t	597	182	0.2
BOD	t	1.0	0.5	0.3
COD	t	3.0	2.5	1.3

■P	RTR								(t)
PRTR		2010	2011			20	12		
Ordinance No	Substance	Amount used	Amount used	Amount used	Amount released	Amount transferred	Amount consumed	Amount eliminated	Amount recycled
31	Antimony and its compounds	7.5	7.2	6.4	-	-	1.8	-	4.6
57	ethylene glycol monoethyl ether	0.9	0.9	1.0	-	-	-	-	1.0
82	Silver and its water-soluble compounds	9.2	8.3	7.6	-	-	6.8	-	0.8
308	Nickel	6.1	17.1	11.4	-	-	11.2	-	0.1
309	Nickel compounds	4.8	5.1	3.5	-	_	2.8	-	0.7

ROHM Integrated Systems (Thailand) Co.,Ltd.

101/94, 102 Navanakorn Industrial Zone, Moo 20, Phaholyothin Road, Tambol Khlong-Nueng, Amphur Khlong-Luong, Pathumthani 12120 Thailand



Manufacture of ICs, Transistors, Diodes, Resistors and Tantalum Capacitors)

Item	FY	2010	2011	2012
Power Consumption	kWh	202,322,701	151,684,550	133,226,825
Fuel Consumption	kl	211	0	0
Water Consumption	1,000 m ³	1,355	902	942
Total Amount of Waste Generation	t	2,300	1,976	987
Amount of Landfill Waste	t	0	0	0
Recycling Resources Rate	%	100	100	100
BOD	t	4.0	3.7	3 9
COD	t	19	16	16

PRTR PRTR 2010 2011 2012 Ordinance Amount Amount Amount Amount Amount Amount Amount Substance used used released transferred consumed recycled 31 Antimony and its compounds 10.1 7.0 4.2 0.4 3.8 82 Silver and its water-soluble compounds 8.0 2.9 2.4 0.5 5.2 308 Nickel 8.9 24.5 13.6 8.5 0.4

6.2

3.5

2.8

0.7

11.2

309 Nickel compounds

ROHM Semiconductor (China) Co.,Ltd.

No.7 Weisan Road, Micro-electronics Industrial Park, Jingang Highway, Xiqing District, Tianjin 300385 China



Manufacture of Transistors, Diodes, LED, Laser Diodes, LED Displays and Optical Sensors

Item	2010	2011	2012	
Power Consumption	kWh	87,646,000	87,932,000	74,232,000
Water Consumption	1,000 m ³	459	528	408
Total Amount of Waste Generati	d t	862	904	689
Amount of Landfill Waste	t	656	682	515
Recycling Resources Rate	%	24	25	25
BOD	t	4.0	4.8	4.3
COD	t	19	21	14
PRTR		_		(t)

									(4)
PRTR		2010	2011			20	12		
Ordinance No.	Substance	Amount used	Amount used	Amount used	Amount released	Amount transferred	Amount consumed	Amount eliminated	Amount recycled
20	2-aminoethanol	1		-	-	_		=	
31	Antimony and its compounds	2	3	1.5	-	1.2	0.2	-	-
37	Bisphenol A	43	38	33.5	-	28.5	5.0	=	=
71	Ferric chloride	48	42	43.3	-	-	43.3	=	=
82	Silver and its water-soluble compounds	2	2	1.8	-	-	0.2	=	1.6
265	Methyltetrahydrophthalic anhydride	3	1	1.2	-	-	0.1	=-	1.1
291	Tris (2,3-epoxypropyl)	12	13	12.1	-	-	12.1	=	-
305	Lead and its compounds	5	5	3.8	-	2.3	1.5	-	-

ROHM Electronics Dalian Co., Ltd. No.20 Four Street East & North, Dalian Economic & Technical Development Zone, Dalian 116600 China



Manufacture of Power Modules, Thermal Print Heads, Contact Image Sensor Heads, Photo Link Modules, LED Lighting, Optical Sensors and LED Displays

Item	2010	2011	2012	
Power Consumption	kWh	62,857,810	62,064,319	59,974,718
Fuel Consumption	kl	5,183	4,516	4,014
Water Consumption	1,000 m ³	317	588	554
Total Amount of Waste Generation	t	178	183	222
Amount of Landfill Waste	t	35	28	32
Recycling Resources Rate	%	80.6	84.5	85.7
BOD	t	1.6	1.5	1.4
COD	t	20	18	10

PRTR 2010 2012 Amount Ordinance Amount Amount Amount Amount Amount Amount Amount Substance 31 Antimony and its compounds 1.4 0.7 0.6 0.1 0.5 71 Ferric chloride 9.9 9.5 3.4 0.3 0.2 2.9 82 Silver and its water-soluble compounds 1.9 1.7 1.8 0.2 0.1 1.4

ROHM-Wako Electronics (Malaysia) Sdn. Bhd.

■PRTR

Lot 1320 Kawasan Perindustrian, Pengkalan Chepa II, Padang Tembak, 16100 Kota Bharu, Kelantan, Malaysia

(t)



Manufacture of Diodes and LEDs

Item	2010	2011	2012	
Power Consumption	kWh	69,230,879	69,220,448	65,766,640
Fuel Consumption	kI	16	31	31
Water Consumption	1,000 m ³	358	375	355
Total Amount of Waste Generat	idt	1,062	1,141	1,068
Amount of Landfill Waste	t	75	85	76
Recycling Resources Rate	%	93.0	92.5	92.9
BOD	t	1.0	1.1	1.4
COD	t	1.6	3.4	3.5

■PRTR (t)

PRTR		2010	2011			20	12		
Ordinance No.	Substance	Amount used	Amount used	Amount used	Amount released	Amount transferred	Amount consumed	Amount eliminated	Amount recycled
20 2-am	inoethanol	1.9	1.7	1.6	0.5	-	-	-	1.1
31 Antin	nony and its compounds	0.5	0.6	0.6	0.1	-	-	-	0.5
71 Ferri	chloride	8.1	19.5	19.7	6.9	-	-	-	12.8
82 Silver	and its water-soluble compounds	0.8	2.2	0.6	0.1	-	-	-	0.5
291 Tris (2,3-epoxypropyl)	1.1	1.0	0.7	0.3	-	-	-	0.4
297 1,3,5	-trimethylbenzene	1.2	0.9	0.9	0.2	-	-	-	0.7
305 Lead	and its compounds	12.3	6.2	6.0	2.1	-	-	-	3.9

ROHM Mechatech Philippines, Inc. People's Technology Complex Special Economic Zone, Carmona, Cavite 4116 Philippines



Manufacture of Molding Dies and Lead Frames

Item	2010	2011	2012	
Power Consumption	kWh	10,036,005	10,336,343	11,320,390
Fuel Consumption	kl	420	328	466
Water Consumption	1,000 m ³	29	43	50
Total Amount of Waste Generation	t	346	347	768
Amount of Landfill Waste	t	0.4	0.1	0.00
Recycling Resources Rate	%	99.9	99.98	100.00
NOx	t	0.1	0.8	1.8
SOx	t	0.6	0.5	0.04
BOD	t	0	-	-
COD	t	0	-	-

Environmental Data Book 2012-2013

