

Details (1) Engineering & Development Center

FY2008 Targets and Achievements

Aims (FY2008)		Targets (FY2008)	Performance (FY2008)	Status
Item	Aims			
Increase Offering of Eco-Friendly Products	Increase the number of Super Green Products, which carry top-class environmental characteristics, by at least 20% of all newly developed Green Products in the Group by the end of FY2009.	Targeting the Green Products being developed in FY2007 and FY2008, increase the number of Super Green Products by at least 20% of all. (Including head office area's activities).	10 products were approved as Super Green Product in FY2007. Throughout FY2007-2008, 14 products were Super Green Products from 39 Green products. (35.9%) (Incl. head office area's activities)	Done
	Achieve Factor 1.2 eco-efficiency for Green Products that are part of the newly developed thermal printers by the end of FY2009 compared to products developed in FY2005.	Achieve Factor 1.2 eco-efficiency in newly developed printers.	Achieved "2.89" (FTP-6XA series)	Done
Global Warming Countermeasures and Environmental Activities in our business sites	Reduce energy consumption-related CO ₂ emissions not exceeding 141% the FY2005 level (2,950t-CO ₂) by the end of FY2010. i.e. 4,159.5t-CO ₂ .	Hold down to below 3,725t-CO ₂ .	3,501.0t-CO ₂ (Held down to 118.7% the FY2005 level by stopping motors on holidays etc.)	Done
	Reduce VOC emissions 11% below the FY2005 level (6,300kg) by the end of FY2009. i.e. max.5,607kg.	Hold down to below 6,100t.	5,408.0kg (Reduced 14.1% from the FY2005 level by optimization of substance consumption etc.)	Done
	Hold down waste generation not exceeding the FY2006 level (170.0t) by the end of FY2009.	Hold down to below 178t.	146.0t (Reduced 14.1% from the FY2005 level by reutilization of waste etc.)	Done
Reinforcing Risk Management	Support to improve our business partners' EMS.	Increase all level I material business partners to a level II or higher.	100%	Done
	Support to improve our business partners' CMS.	Construct rank A, B CMS for 95% of material business partners.	97%	Done
Environmental and Social Contribution	Promote environmental activities in local communities.	Implement contributions to society at least two.	4 activities. Recovery of PET bottle caps etc.	Done

Status of Environmental Compliance

We conducted measurements conform to *Water Pollution Control Law, Sewerage ordinance, Atmosphere Pollution Control Law, Noise Control Law, Vibration Regulation Law* twice a year. Every value was under voluntary thresholds, which are set to be within the legal threshold, or legal thresholds. Also we conducted soil and groundwater investigation in voluntary base and we confirmed substances (26 specified substances by *Soil Pollution Control Act*) are under threshold. Below table shows the result of major substances.

Substance	Unit	Thresholds for soil dissolution amount	Thresholds for ground water	Result	
				Soil dissolution amount	Groundwater
1,1,1 trichloroethane	mg/l	max.1	max.1	0.0015	0.0010
Cyanogen compound	mg/l	Not detected	Not detected	Not detected	Not detected
Dioxins	pg-TEQ/g	1,000 (environmental standards)	250 (guidelines for survey)	0.38	0.38

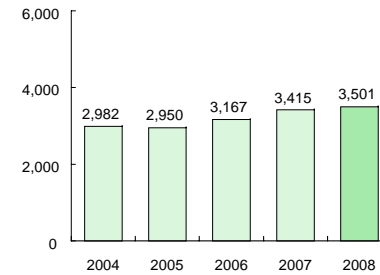
FY2009 Aims and Targets

Aims (FY2009)		Targets (FY2009)
Item	Aims	
Promotion of Green Procurement Activities / Keeping total abolition of hazardous substances	Support to improve our business partner's EMS levels.	Keep a level II EMS with all material business partner, and will audit on more than a half of level II EMS material suppliers.
	Support to improve our business partner's CMS levels.	We support to be a CMS rank A,B with all material business partners.
Increase Offering of Eco-Friendly Products	Targeting the Green Products being developed in FY2007 onward, increase the number of Super Green Products by at least 40%(*) of all by the end of FY2009. (* We set higher target since original target 20% was cleared. Result in FY2008 was 35.8%).	Targeting the Green Products being developed during FY2007 to FY2009, increase the number of Super Green Products by at least 40% of all.
	Achieve Factor 1.2 eco-efficiency for Green Products in each product being newly developed by the end of FY2009.	Achieve Factor 1.2 in each product being newly developed.
Global Warming countermeasures and Environmental Activities in our business sites	Hold down energy consumption-related CO ₂ to below 128% the FY2005 level (2,950t-CO ₂) by the end of FY2010. i.e. max. 3,776t-CO ₂ .	Hold down to max. 3,465t-CO ₂ (117.4% the FY2005 level).
	Reduce VOC emissions by 22% from the FY2005 level (6,300kg) by the end of FY2009. i.e. max. 4,914kg.	Hold down to max. 4,900kg (22.2% reduction from FY2005 level).
	Reduce waste generation by 25% from the FY2005 level (170t) by the end of FY2009. i.e. max. 127.5t.	Hold down to max.127.0t (25.2% reduction from FY2005 level).
Environmental and Social Contribution	Promote environmental activities in local communities.	We will implement contributions to society at least four.

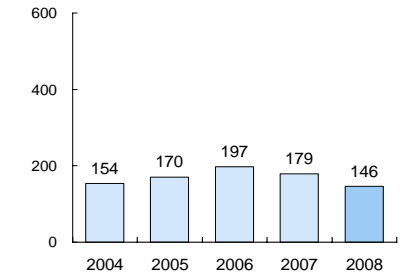
Details (1) Engineering & Development Center

Environmental Load Data

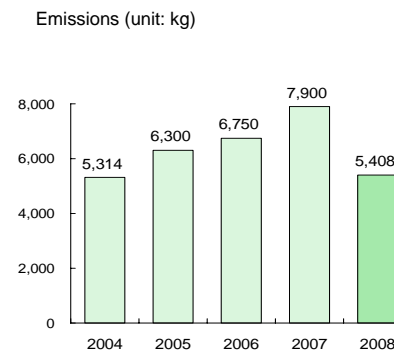
CO₂ Emissions (unit: t-CO₂)



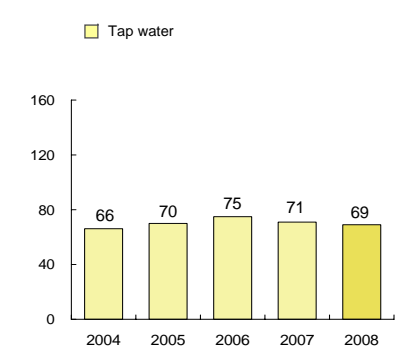
Industrial Waste (unit: tonne)



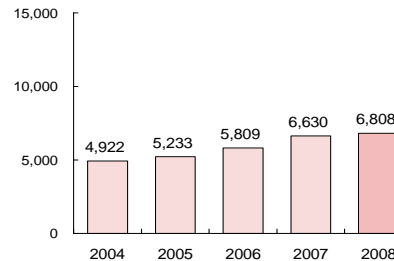
Volatile Organic Compound (VOC) Emissions (unit: kg)



Water Usage (unit: km³)



Electrical Power Consumption (unit: MWh)



■ Details (2) SHINANO FUJITSU LIMITED

■ FY2008 Targets and Achievements

Aims (FY2008)		Targets (FY2008)	Performance (FY2008)	Status
Item	Aims			
Green Procurement	It shall be a level II (FJEMS) or higher EMS for material business partners by the end of FY2009.	85% of level I material business partners shall be trained for skill up.	Achieved 100%	Done
	Construct CMS with all material business partners by the end of FY2009.	Construct the systems (rank B or higher) for 95% of objective business partners.	Achieved 100%	Done
Global Warming Counter-measures	Hold down energy consumption-related (electricity, heavy oil, kerosene) CO ₂ emissions to below 4,807t-CO ₂ (reduction by 3.2% from the FY2005 level) by the end of FY2010.	Hold down to below 4,828t-CO ₂ (reduction by 5.6% from the FY2007 level).	3,864t-CO ₂ (Reduced by 22.2% from the FY2005 level by reducing cooling load etc.)	Done
Proceeding Green Factory	Hold down VOC emissions to below 5,500kg (reduction by 23.6% from the FY2005 level) by the end of FY2009.	Hold down to below 5,800kg (reduction by 8.8% from the FY2007 level).	4,680kg (Reduced by 35.0% from the FY2005 level by optimization of substance consumption etc.)	Done
	Hold down waste generation to below 526t (120.6% the FY2005 level) by end of FY2009.	Hold down waste generation to below 517t (102.4% the FY2005 level).	490.0t (Hold down to 112.4% the FY2005 level by reutilization etc.)	Done
Proceeding Green Process Activities	Promoting <i>Production Innovation Activities</i> by the end of FY2008, and increase productivity by 15% over March 2007 levels and reduce spoilage cost by a half from March 2007 levels.	Promoting <i>Production Innovation Activities</i> by the end of FY2008, and increase productivity by 15% over March 2007 levels and reduce spoilage cost by a half from March 2007 levels.	Increase productivity by 16% Reduce spoilage cost by 21%	Done
Environmental and Social Contributions	Promote environmental activities in local communities.	Implement contributions to society at least one.	6 activities Held a Clean Walk campaign etc.	Done

■ Status of Environmental Compliance

We conducted measurements conform to *Water Pollution Control Law, Sewerage ordinance, Atmosphere Pollution Control Law, Noise Control Law, Vibration Regulation Law* twice a year. Every value was under voluntary thresholds, which are set to be within the legal threshold, or legal thresholds. Below table shows the result of noise and vibration measurements.

Item	Unit	Legal threshold	Voluntary s threshold	Result
				Maximum
Noise	Morning and evening	dB	70	58.9
	Daytime			58.5
	Nighttime			57.3
Vibration	Daytime	dB	70	38.0
	Nighttime			35.8

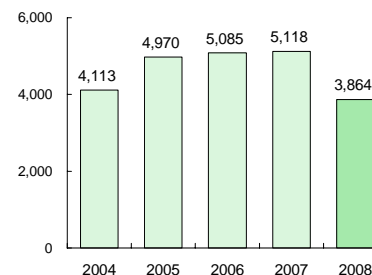
■ FY2009 Aims and Targets

Aims (FY2009)		Targets (FY2009)
Item	Aims	
Proceeding Green Procurement	It shall be a level II or higher EMS with all material business partners.	Support to train EMS level of 100% of all level I material business partners.
	We aim to construct CEM with all of material business partners.	Support to be CMS (rank B or higher) with all material business partners.
Global Warming countermeasures	Hold down energy consumption-related (electricity, heavy oil, kerosene)CO ₂ emissions to below 3,790t-CO ₂ (reduction by 23.7% from the FY2005 level) by the end of FY2010.	Reduce by minimum 0.9% from the FY2008 level. i.e. 3,828t-CO ₂ (22.9% reduction from FY2005 level).
Proceeding Green Factory	Hold down VOC emissions to below 5,500kg (reduction by 23.6% from the FY2005 level) by the end of FY2009.	Hold down emission of objective substances to below 5,500kg (23.6% reduction from FY2005 level).
	Hold down waste generations to below 489t by the end of FY2009.	Hold down waste generations to below 489.0t by the end of FY2009 (112.2% the FY2005 level).
Proceeding Green Process Activities	We will proceed <i>Production Innovation Activities</i> by the end of FY2009, and increase productivity by 15% and reduce spoilage cost by a half from 2 nd half of FY2008 levels.	Proceed <i>Production Innovation Activities</i> by the end of FY2009, and increase productivity by 15% and reduce spoilage cost by a half from 2 nd half of FY2008 levels.
Environmental Contributions to Society	Promote environmental activities in local communities.	Implement contributions to society at least one.

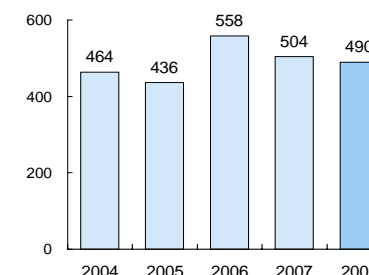
■ Details (2) SHINANO FUJITSU LIMITED

■ Environmental Load Data

■ CO₂ Emissions (unit: t-CO₂)

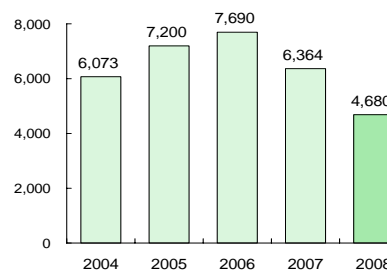


■ Industrial Waste (unit: tonne)



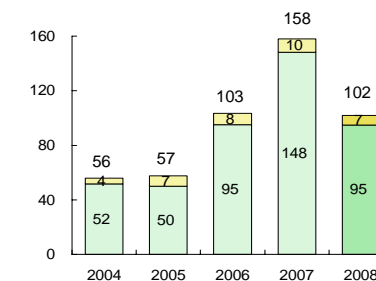
■ Volatile Organic Compound (VOC)

Emissions (unit: kg)

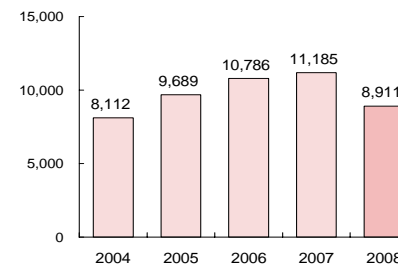


■ Water Usage (unit: km³)

Ground water Tap water



■ Electrical Power Consumption (unit: MWh)



Details (3) MIYAZAKI FUJITSU COMPONENTS LIMITED

FY2008 Targets and Achievements

Aims (FY2008)		Targets (FY2008)	Performance (FY2008)	Status
Item	Aims			
Reduction of CO ₂ emissions	Hold down energy consumption-related CO ₂ below the FY2005 level (4,411t-CO ₂) by the end of FY2010.	Hold down electricity usage to below 11,783,784kWh (4,796t-CO ₂).	4,591.0t-CO ₂ (Held down to 104.1% the FY2005 level by counter-measures against leakage from air pipes etc.)	Done
Reduction of VOC	Reduce VOC by 10% from the FY2005 level (2,000kg) by the end of FY2009.	Hold down isopropyl alcohol (IPA) emissions to below 1,433.4kg.	1,389.0kg (Reduced by 30.5% from the FY2005 level by placing volatile-proof lids on solder flux baths etc.)	Done
Reduction of waste generation	Reduce waste generation by 5.5% from the FY2005 level (122t) by the end of FY2009.	Hold down waste generation to below 76.41t.	56.3t (Reduced by 53.8% from the FY2005 level by reutilization of waste by segregation etc.)	Done
Improvement of EMS levels	Support to improve our business partners' EMS to reinforce environmental activities throughout the supply chain.	Increase partner's EMS level from I to II or III for more than 85%.	77%	Failed
Improvement of CMS levels	Support to improve our business partners' CMS to reinforce environmental activities throughout the supply chain.	Apply follow-up audit on 100% of material business partners. Achieve examination pass rate more than 60%.	Pass rate 68%	Done
Environmental and Social Contribution	Promote environmental activities in local communities.	Implement contributions to society at least four per year at each business site.	6 activities Clean up volunteers, recovery of PET bottle caps etc.	Done
Promoting tree-planting campaign	Promote plantation in the factory.	Promote plantation in the factory. Plant 188 trees.	Plant 297 trees	Done

Status of Environmental Compliance

We conducted measurements that conform to *Water Pollution Control Law*, *Sewerage ordinance*, *Noise Control Law*, twice a year. Every value was under voluntary thresholds, which are set to be within the legal threshold, or legal thresholds.

Item	Unit	Legal threshold	Voluntary threshold	Result (Maximum)	
Water	Hydrogen-ion concentration	pH	5.8 to 8.6	6.0 to 8.4	6.3
	Suspended solids	mg/l	200	135	less than 1.0
	Biochemical oxygen demand	mg/l	160	108	5.2
	n-hexane extraction	mg/l	5	4.5	less than 0.5
	Temperature	degree Celsius	max. 45	max. 45	17.0
Noise	Daytime	dB	Exempted	70	66

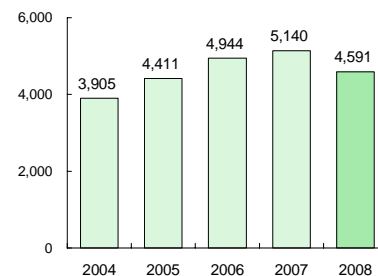
FY2009 Aims and Targets

Aims (FY2009)		Targets (FY2009)
Item	Aims	
Reduction of CO ₂	Hold down energy consumption-related CO ₂ to below the FY2005 level (4,411t-CO ₂) by the end of FY2010.	Hold down electricity usage to below 4,453t-CO ₂ (equivalent to 10,941,031kWh).
Reduction of VOC	Reduce VOC usage by 10% from the FY2005 level (2,000kg) by the end of FY2009.	Hold down IPA emissions to below 1,332.0kg.
Reduction of waste generations	Reduce waste generations by 5.5% from the FY2005 level (122kg) by the end of FY2009.	Hold down waste generations to below 70.0Kg.
Increase EMS level	Support to improve our business partners' EMS to reinforce environmental activities throughout the supply chain.	Support to improve EMS level of level I to II or III with all material business partners.
Increase CMS level	Support to improve our business partners' CMS to reinforce environmental activities throughout our supply chain.	Minimum 80% of partners shall pass the audit.
Environmental and Social Contribution	Promote environmental activities in local communities.	Implement contributions to society at least four.
Promotion of tree-planting campaign	Promote Green Factory activities and will plant 680 trees by the end of FY2010.	Plant 330 trees.

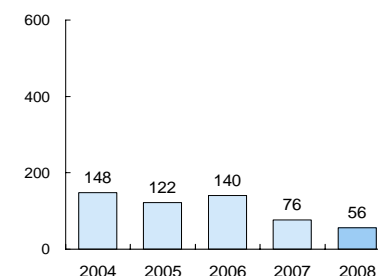
Details (3) MIYAZAKI FUJITSU COMPONENTS LIMITED

Environmental Load Data

CO₂ Emissions (unit: t-CO₂)

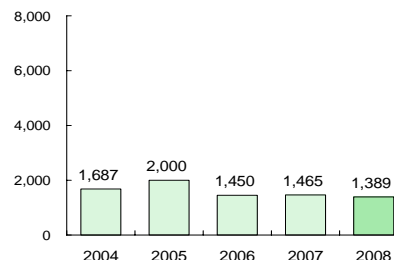


Industrial Waste (unit: tonne)



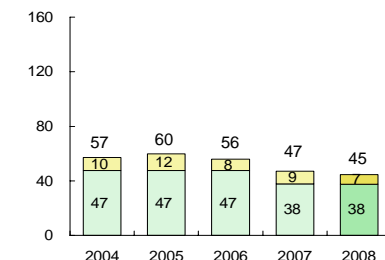
Volatile Organic Compound (VOC)

Emissions (unit: kg)

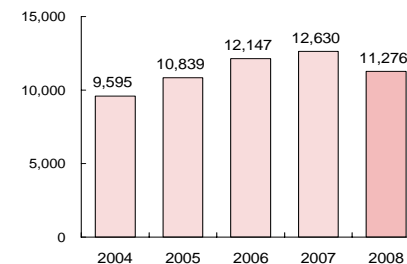


Water Usage (unit: km³)

Ground water Tap water



Electrical Power Consumption (unit: MWh)



■ FY2008 Targets and Achievements, FY2009 Targets

■ Details (4) CHIKUMA TSUSHIN INDUSTRY CO.,LTD.
(Incl. TOGAKUSHI DENSHI CO.,LTD.)

■ FY2008 Targets and Achievements

Aims (FY2008)		Targets (FY2008)	Performance (FY2008)	Status
Item	Aims			
Reduction of energy consumption-related CO ₂	To hold down energy consumption to below the FY2005 level (4,243t-CO ₂) by the end of FY2012, reduce it to 4,300t-CO ₂ by the end of FY2010.	Hold down energy consumption to below the FY2007 level. i.e. max.4,500t-CO ₂ .	3,984t-CO ₂ (Reduced by 6.1% from the FY2005 level by introducing compressor monitoring equipment etc.)	Done
Reduction of waste generation	Reduce waste generation by 2.5% from the FY2005 level (202t) by the end of FY2009. i.e. max. 196.9t.	Hold down waste generation to below the FY2005 level. i.e.max.200t.	194.0t (Reduced 3.9% from the FY2005 level by reutilization of waste by segregation etc.)	Done
Promotion of Green Procurement Activities	Support to improve our business partners' EMS to reinforce environmental activities throughout the supply chain.	Confirm EMS construction for all business partners and hit 80% or more procurement rate from level II or III business partners.	83%	Done
	Support to improve our business partners' hazardous substance control levels to reinforce environmental activities throughout the supply chain.	Complete 1 st CMS audit. Follow up to hit 80% or more of partners to be rank A or B.	87%	Done
	Construct CMS that avoids incoming and outflow of banned substances restricted by RoHS directive, to reinforce environmental activities throughout the supply chain.	Complete early stage survey for CMS construction.	Completed	Done
Environmental and Social Contribution	Promote environmental activities in local communities.	Implement contributions to society at least one.	1 activity Clean up activities for neighbors	Done

■ Status of Environmental Compliance

Main factory and Nozawa factory conducted measurements conform to *Water Pollution Control Law, Sewerage ordinance, Noise Control Law, Vibration Regulation Law*, and Togakushi Denshi Co.,Ltd. conducted them except vibration twice a year. Every value was under voluntary thresholds, which are set to be within the legal threshold, or legal thresholds. Drainage-related result at Nozawa factory is shown below.

Item	Unit	Legal thresholds	Voluntary thresholds	Result (maximum)	
water	Hydrogen-ion concentration	pH	5.8 to 8.6	6.0 to 8.4	7.8
	Suspended solids	mg/l	200	135	39
	Biochemical oxygen demand	mg/l	160	108	34
	n-hexane extraction	mg/l	5	4.5	less than 1.0
	Tetrachloroethylene	mg/l	0.1	-	0.001
	Trichloroethylene	mg/l	0.3	-	0.002
	Cis-1,2-dichloroethylene	mg/l	0.4	-	0.02
	Temperature	degree Celsius	max. 45	max. 40	18.0

Main factory holds joint surveys with adjoining Takamisawa Electric Co., Ltd. Shinshu Plant. Nozawa factory stopped using objective chemicals and has been going on soil cleaning and observation well concerning excessive levels of chlorine organic compound found in 1998, when the site was belonged to Takamisawa Electric Co., Ltd. We will keep conducting those actions in FY2009.

■ FY2009 Aims and Targets

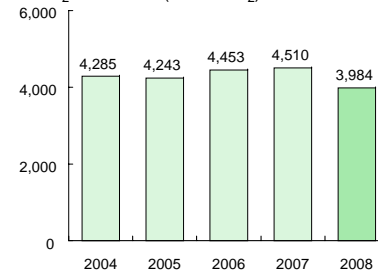
Aims (FY2009)		Targets (FY2009)
Item	Aims	
Reduction of energy consumption-related CO ₂	To hold down energy consumption to below the FY2005 level (4,243t-CO ₂) by the end of FY2012, reduce energy consumption to 4,300t-CO ₂ by the end of FY2010.	Reduce energy consumption by 14.0% from the FY2008 level (3,984t-CO ₂), i.e. 3,425t-CO ₂ .
Reduction of waste generations	Reduce waste generations by 10% from the FY2005 level (202t) by the end of FY2009. i.e. 181t.	Reduce waste generations by 7% from the FY2008 level (194.0t), i.e. up to 180.0t.
Proceeding Green Procurement Activities	Support to improve our business partners' EMS to reinforce environmental activities throughout the supply chain.	Achieve 100% procurement from level II or III business partners.
	Support to improve our business partners' CMS to reinforce environmental activities throughout the supply chain.	Follow up to be all partners to be come CMS rank A or B.
Environmental and Social Contribution	Promote environmental activities in local communities.	Implement cleanup activity around factories once a year for contributions to society.

■ Environmental Load Data

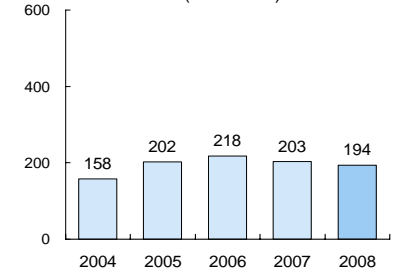
■ Details (4) CHIKUMA TSUSHIN INDUSTRY CO.,LTD.
(Incl. TOGAKUSHI DENSHI CO.,LTD.)

■ Environmental Load Data

■ CO₂ Emissions (unit: t-CO₂)

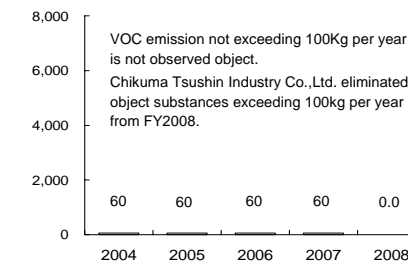


■ Industrial Waste (unit: tonne)



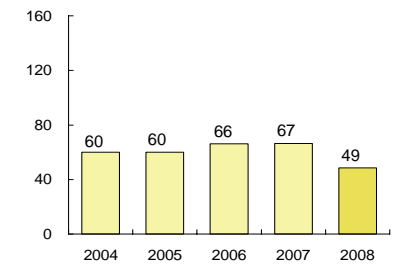
■ Volatile Organic Compound (VOC)

Emissions (unit: kg)

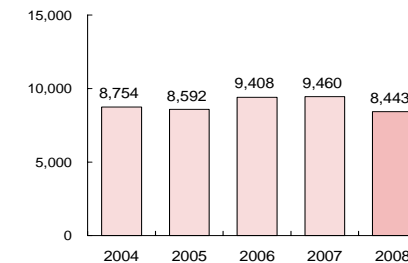


■ Water Usage (unit: km³)

Tap water



■ Electrical Power Consumption (unit: MWh)



Details (5) TAKAMISAWA ELECTRIC CO.,LTD. Shinshu Plant

FY2008 Targets and Achievements

Aims (FY2008)		Targets (FY2008)	Performance (FY2008)	Status
Item	Aims			
Reduction of Energy consumption-related CO ₂ emissions	Reduce energy consumption-related CO ₂ emissions by 30% from the FY2005 level (311t-CO ₂) by the end of FY2010.	Reduce by 28.8% from the FY2005 level. i.e.max.221.4t-CO ₂ .	204.0t-CO ₂ (Reduced by 34.4% from the FY2005 level by replacing with energy-saving air conditioners, lights etc.)	Done
Reduction of Waste Generation	Reduce waste generation by 53.1% from the FY2005 level (6.5t) by the end of FY2009.	Reduce by 55.3% from the FY2005 level. i.e.max.2.9t.	2.9t (Reduced by 55.3% from the FY2005 level by reutilization of plastic waste and output cut etc.)	Done
Environmental and Social Contribution	Promote environmental activities in local communities.	Implement contributions to society at least one.	1 activity Clean up activity for neighbors	Done

Status of Environmental Compliance

We conducted measurements conform to *Water Pollution Control Law, Sewerage ordinance, Noise Control Law, Vibration Regulation Law* twice a year. Every value was under voluntary thresholds, which are set to be within the legal threshold, or legal thresholds.

Takamisawa Electric Co.,Ltd. Shinshu factory holds joint surveys with adjoining Chikuma Tsushin Industry Co.,Ltd. Main factory.

Item	Unit	Legal threshold	Voluntary threshold	Result (Maximum)	
Water	Hydrogen-ion concentration	pH	5.0 to 9.0	6.0 to 8.9	8.5
	Suspended solids	mg/l	600	540	39
	Biochemical oxygen demand	mg/l	600	540	34
	n-hexane extraction	mg/l	5	4.5	less than 1.0
	Temperature	degree Celsius	max. 45	max. 40	18
Noise	Morning and evening	N/A	70	50	70
	Daytime				70
	Nighttime				65
Vibration	Daytime	N/A	70	36.0	70
	Nighttime				65

Self-survey found chlorine organic compound exceeded the threshold values in 1998. We stopped in using object chemicals and have been going on soil cleaning and monitoring by observation well. We confirmed that the value measured at observation well at boundary of the site, which is located at downstream of underground water vein, in FY2008. We will keep conducting those actions in FY2009.

Substance	Unit	Based on Soil Contamination Countermeasures Act (Groundwater)		
		Legal Standard	Result (Maximum value in the site)	Result (At observation well at downstream of underground water vein at boundary of the site)
Tetrachloroethylene	mg/l	0.01	8.5	0.0067
Trichloroethylene	mg/l	0.03	0.87	less than 0.005
cis-1,2-dichloroethane	mg/l	0.04	0.87	less than 0.005

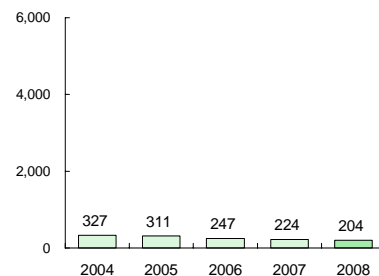
FY2009 Aims and Targets

Aims (FY2009)		Targets (FY2008)
Item	Aims	
Reduction of energy consumption-related CO ₂	Reduce energy consumption-related CO ₂ by 43% from the FY2005 level (311t-CO ₂) by the end of FY2010. i.e. max.177t-CO ₂ .	Reduce energy consumption-related CO ₂ by 42.1% from the FY2005 level. i.e. max. 180t-CO ₂ .
Reduction of waste generations	Reduce waste generations by 61.5% from the FY2005 level (6.5t) by the end of FY2009. i.e. max. 2.5t.	Reduce waste generations by 61.5% from the FY2005 level. i.e. 2.5t.
Environmental and Social Contribution	Promote environmental activities in local communities.	We will implement contributions to society at least one.

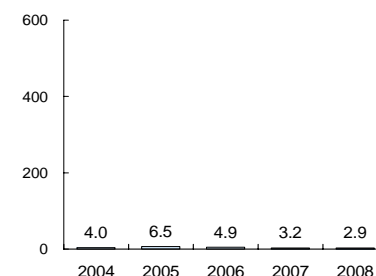
Details (5) TAKAMISAWA ELECTRIC CO.,LTD. Shinshu Plant

Environmental Load Data

CO₂ Emissions (unit: t-CO₂)

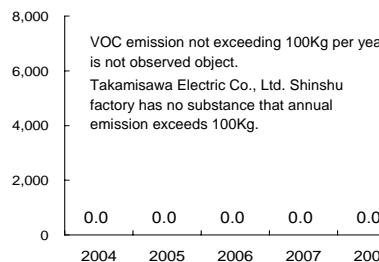


Industrial Waste (unit: tonne)



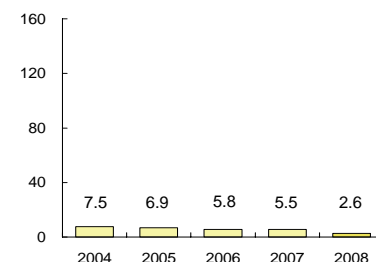
Volatile Organic Compound (VOC)

Emissions (unit: kg)

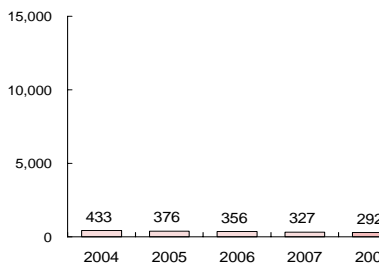


Water Usage (unit: km³)

Tap water



Electrical Power Consumption (unit: MWh)



■ FY2008 Targets and Achievements, FY2009 Targets

■ Details (6) TOCHIGI TEC CO.,LTD.

■ FY2008 Targets and Achievements

Aims (FY2008)		Targets (FY2008)	Performance (FY2008)	Status
Item	Targets			
Proceeding Green Procurement Activities	Support to improve our business partners' EMS levels.	Train min. 80% of suppliers to become ESM level I.	88%	Done
	Support to improve our business partners' CMS levels.	Min. 80% of suppliers to become CMS evaluation rank A or B.	88%	Done
Global Warming Countermeasures / Environmental Activities in the sites	Reduce energy consumption-related CO ₂ by 35.9% from the FY2005 level (284t-CO ₂) by the end of FY2010.	Reduce by 32.0% from the FY2005 level. i.e. max. 193t-CO ₂ .	157.0t-CO ₂ (Reduced by 44.7% from the FY2005 level by checking power-off abeyant equipments and output cut etc.)	Done
	Reduce VOC emissions by 48.4% from the FY2005 level (1,550kg) by the end of FY2009.	Formulate replacement./reduction plans. Hold down to below 660kg.	763.0kg (Reduced by 50.7% from the FY2005 level by reducing waste and output cut etc.)	Done
	Reduce waste generations by 26.7% from the FY2005 level (15t) by the end of FY2009.	Hold down to below 7t.	6.0t (Reduced by 60.0% from the FY2005 level by recycling paper and output cut etc.)	Done
Environmental Contributions to Society	Promote environmental activities in local communities.	Implement contributions to society at least 2.	2 activities Clean up activities for neighbors	Done

■ Status of Environmental Compliance

We conducted measurements that conform to *Noise Control Law* and *Vibration Regulation Law* twice a year. Every value was under voluntary thresholds, which are set to be within the legal threshold, or legal thresholds.

Item		Unit	Legal thresholds	Voluntary thresholds	Result (Maximum)
Noise	Morning and evening	dB	60	58	58.0
	Daytime	dB	65	58	57.0
Vibration	Daytime	dB	70	65	46.0
	Nighttime	dB	65	60	46.0

Note) Mentioned standard value is the strictest ones.
Note) No operation at nighttime.

■ FY2009 Aims and Targets

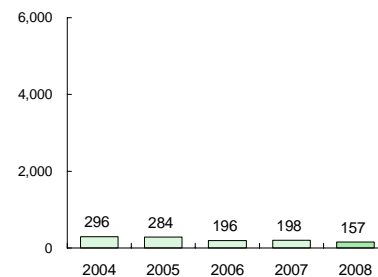
Tochigi Tec Co.,Ltd. moves the manufacturing to Shinano Fujitsu Limited in July 2009. Manufacturing departments will operate FY2009 environmental activities under Shinano Fujitsu Limited, and other departments under Fujitsu Component Limited head office area.

■ Environmental Load Data

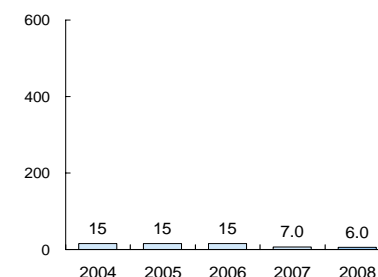
■ Details (6) TOCHIGI TEC CO., LTD.

■ Environmental Load Data

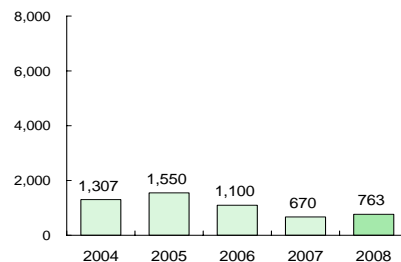
■ CO₂ Emissions (unit: t-CO₂)



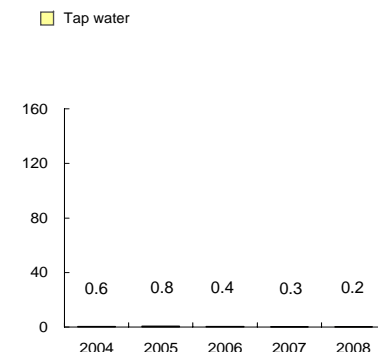
■ Industrial Waste (unit: tonne)



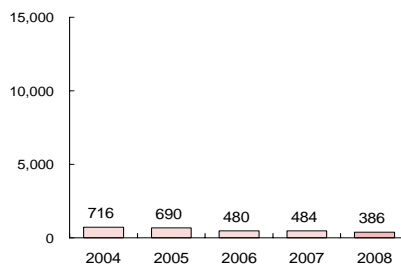
■ Volatile Organic Compound (VOC) Emissions (unit: kg)



■ Water Usage (unit: km³)



■ Electrical Power Consumption (unit: MWh)



**Details (7) FUJITSU COMPONENT LIMITED Head Office Group
(incl. TEC CO.,LTD.)**

FY2008 Targets and Achievements (Including Tokai and Osaka sales offices, Tec Co.,Ltd.)

Aims (FY2008)		Targets (FY2008)	Performance (FY2008)	Status
Item	Aims			
Increase Offering of Eco-Friendly Products	Increase the number of Super Green Products, which carry top-class environmental characteristics, by at least 20% of all newly developed Green Products in the Group the the end of FY2009. (Joint activity with Engineering & Development Center).	(Development Dept., Connector Dept.) Targeting Green Products being developed in FY2007 and FY2008, increase the number of Super Green Products by at least 20% of all. (Joint activity with Engineering & Development Center).	10 products were approved as Super Green Product in FY2008. Throughout FY2007-2008, 14 products were Super Green Products from 39 Green products. (35.9%)	Done
Promotion of Environmental Contribution Products	Increase sales of Green Products and Super Green Products.	(Sales Dept.) Conduct environmental educations at least 3 times and promote sales of Super Green Products/Green Products.	Conducted environmental activity in a year and introduced Super Green/Green Products.	Done
Global Warming Countermeasures	Hold down electricity usage to below the FY2005 level (266MWh) by the end of FY2010 to reduce energy consumption-related CO ₂ . (Note: Osaka sales office is not included since independent value is not presented from building owner.)	Reduce electricity usage to below the FY2005 level.	259MWhwh (Reduced 2.6% from the FY2005 level by visualization of usage etc.)	Done
Environmental Activities in the offices	Reduce waste generation by 5.5% from the FY2005 level (5.0t) by the end of FY2009.	Reduce by 14% from the FY2005 level and hold down to below 4.3t.	1.6t (Reduced by 68.0% from the FY2005 level. Enlightened ecology-consciousness).	Done
Environmental and Social Contribution	Promote environmental activities in local communities.	Implement contributions to society at least one.	1 activity Donation by used stamps recovery	Done

Status of Environmental Compliance

We obtain enactment and revision of regulations relating to head office and sales offices. At this point, *Waste Management and Public Cleansing Law, Act for Recycling of Specified Kinds of Home Appliance* and *Act for Collection and Fracture of Freon* shall be applied for equipment disposal. Internal audit found that we had no deviancies, administrative guidance, complaints from neighbors in FY2008.

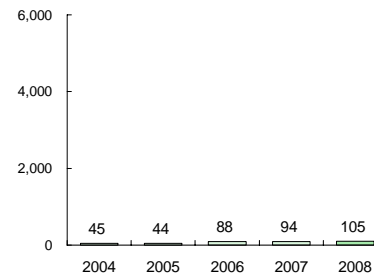
FY2009 Aims and Targets (Including Tokai and Osaka sales offices, Tec Co.,Ltd., Tochigi Tec Co.,Ltd.)

Aims (FY2009)		Targets (FY2009)
Item	Aims	
Increase Offering of Eco-Friendly Products	Targeting the Green Products being developed in FY2007 onward, increase the number of Super Green Products, which carry top-class environmental characteristics, by at least 40%(*) of all by the end of FY2009. (Joint activity with Engineering & Development Center). (* We set higher target since original target 20% was cleared. Result in FY2008 was 35.8%).	(Development Dept., Connector Dept.) Targeting the Green Products being developed during FY2007 to FY2009, increase the number of Super Green Products by at least 40% of all. (Joint activity with Engineering & Development Center).
	Achieve Factor 1.2 eco-efficiency for Green Products in each product being developed by the end of FY2009.	(Development Dept., Connector Dept.) Achieve Factor 1.2 in each product being newly developed.
Promotion of Environmental Contribution Products	Increase sales of Green Products and Super Green Products.	(Sales Dept.) Monitor sales performance, conduct environmental educations (twice a year), conduct enlightenment program.
Global Warming Countermeasures	Hold down electricity usage to below the FY2005 level (266MWh) by end of FY2010.	Hold down electricity usage to below the FY2005 level per person. i.e. max.1,310kwh per person.
Environmental Activities in the Office	Reduce waste generation by 5.5% from the FY2005 level (5.0t) by the end of FY2009.	Reduce by 16.0% from the FY2005 level. i.e. 4.2t.
Environmental Contributions to Society	Promote environmental activities in local communities.	Implement contributions to society at least one.

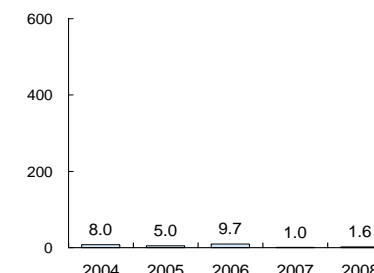
Details (7) FUJITSU COMPONENT LIMITED Head Office area

Environmental Load Data

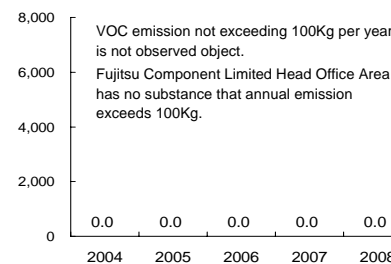
CO₂ Emissions (unit: t-CO₂)



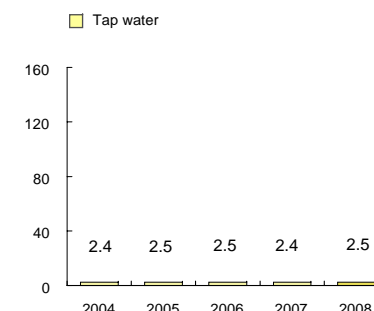
Industrial Waste (unit: tonne)



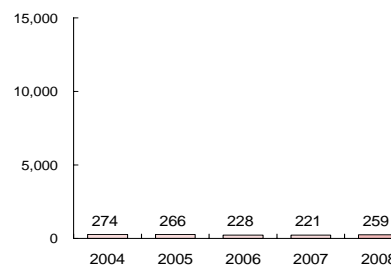
Volatile Organic Compound (VOC) Emissions (unit: kg)



Water Usage (unit: km³)



Electrical Power Consumption (unit: MWh)



(Reference)

■ **Fujitsu Group Environmental Policy**

Based on the policy of manufacturing in harmony with nature since their founding in 1935, Fujitsu Limited has made environmental protection a top management priority and has established Fujitsu Group Environmental Policy to promote environmental management that reflects the uniqueness of Fujitsu Group businesses.

■ **Philosophy**

The Fujitsu Group recognizes that environmental protection is a vitally important business issue. By utilizing our technological expertise in the IT industry and our creative talents, we seek to contribute to the promotion of sustainable development. In addition, while observing all environmental regulations in our business operations, we are actively pursuing environmental protection activities on our own initiative. Through our individual and collective actions, we will continuously strive to safeguard a rich natural environment for future generations.

■ **Principles**

We strive to reduce the environmental impact of our products throughout the product lifecycle. We are committed to conserving energy and natural resources, and practice a 3R approach (reduce, reuse, recycle) to create best-of-breed eco-friendly products. We seek to reduce risks to human health and the environment from the use of harmful chemical substances or waste. Through our IT products and solutions, we help customers reduce the environmental impact of their activities and improve environmental efficiency. We disclose environment-related information on our business activities, products and services, and we utilize the resulting feedback to critique ourselves in order to further improve our environmental programs. We encourage our employees to work to improve the environment, bearing in mind the impact of their business activities and their civic responsibilities

Established in October,2002
President of Fujitsu Limited

■ **(Reference) Fujitsu Components Group Companies**

Company	Location	Business Activities	Stock share	Consolidation	Other information
FUJITSU COMPONENT LIMITED	Shinagawa-ku, Tokyo	Head Office, Development, Sales	-	-	Engineering & Development Center (Suzaka-shi, Nagano), Sales offices (Nagoya, Osaka, Fukuoka)
SHINANO FUJITSU LIMITED	Iiyama-shi, Nagano	Manufacturing, Sales	100%	Consolidation	
MIYAZAKI FUJITSU COMPONENTS LIMITED	Nichinan-shi, Miyazaki	Manufacturing, Sales	100%	Consolidation	Obi Plant (Nichinan-shi, Miyazaki) Hidakajima Plant (Nichinan-shi, Miyazaki)
CHIKUMA TSUSHIN INDUSTRY CO.,LTD.	Saku-shi, Nagano-ken	Manufacturing, Sales	100%	Consolidation	2nd Plant (Minamisaku-gun, Nagano) Nozawa Plant (Saku-shi, Nagano)
TAKAMISAWA ELECTRIC CO. LTD.	Shinagawa-ku, Tokyo	Manufacturing, Sales	100%	Consolidation	Shinshu Plant (Saku-shi, Nagano)
TOCHIGI TEC CO.,LTD.	Nasushiobara-shi, Tochigi	Manufacturing, Sales	100%	Consolidation	
TOGAKUSHI DENSHI CO., LTD.	Nagano-shi, Nagano	Manufacturing, Sales	100%	Consolidation	100% subsidiary of Shinano Fujitsu Limited
TEC CO.,LTD.	Shinagawa-ku, Tokyo	Sales	100%	Consolidation	Sales offices (Nagoya, Osaka)
FUJITSU COMPONENT (MALAYSIA) SDN.LTD.	Johor, Malaysia	Manufacturing, Sales	100%	Consolidation	
FUJITSU COMPONENTS (CHANGZOU) CO.LTD.	Changzou, China	Manufacturing, Sales	100%	Consolidation	
QINGDAO KOWA SEIKI CO.LTD.	QINGDAO, Taiwan	Manufacturing, Sales	100%	non-consolidation	Since August 2008
TRANSTOUCH TECHNOLOGY INC.	Taoyuan, Taiwan	Manufacturing, Sales	21.0%	Equity method affiliate	
FUJITSU COMPONENTS AMERICA INC.	Sunnyvale, USA	Sales	100%	Consolidation	Branches (Chicago, Boston, Irvine)
FUJITSU COMPONENTS EUROPE B.V.	Amsterdam, the Netherlands	Sales	100%	Consolidation	Branches (Paris, Munich)
FUJITSU COMPONENTS ASIA PTE LTD.	Singapore	Sales	100%	Consolidation	liaison office (Taipei, Taiwan)
FUJITSU COMPONENTS (SHANGHAI) CO.,LTD.	Shanghai, China	Sales	100%	Consolidation	
FUJITSU COMPONENTS HONG KONG CO.,LTD	Hong Kong, China	Sales	100%	Consolidation	

■ **Contact**

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Published: July 24, 2009
Fujitsu Component Limited Engineering and Development Center
Environmental Management Department., Quality Assurance Group
Edited: MARCOM Section, Marketing Group



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