

Site Report

Saitama Manufacturing Division (Industrial Products Company)

Overview

Location	4-410 Asahi, Kitamoto City, Saitama Prefecture 364-8511
Site Area	143,438m ²
Building Area	92,061m ²
Number of Employees	527
Main Products Manufactured	General-purpose engines (Robin engines), Engine generators, etc



As of March 31, 2011



Top Message



Corporate Vice President
Saitama Manufacturing Division
Chief General Manager
Yasuo Ueno

The Industrial Products Company manufactures general-purpose engines to be mounted on civil engineering, construction and agricultural machinery as well as products like generators, light projectors and pumps. These products play a big role in responding to emergencies, not only supporting restoration work of disaster areas, but also preventing disaster. The Great East Japan Earthquake of March 11, 2011 made us realize anew how useful our products can be in maintaining the lifelines of afflicted people. We renew our commitment to fulfilling corporate responsibilities to serve society through our products.

Furthermore, the Industrial Products Company devotes efforts to actively promote “global warming prevention,” “energy saving” and the “reduction of waste and environmental burden” in order to preserve the global environment. These efforts encompass every aspect of our activities, from product development to product disposal, thus trying to become a company trusted by people.

Relationship with Local Community

Activities to Support the Area Devastated by the Great East Japan Earthquake

We made contributions totaling approximately 100 million yen, including a 50 million yen monetary donation for the disaster area hit by the Great East Japan Earthquake on March 11, 2011. The Industrial Products Company also provided 50 million yen worth of its products (included in the figure above). All together we donated about 200 pieces of industrial equipment, including generators, light projectors, clean water pumps and muddy water pumps. Employees of the Industrial Products Company directly delivered some of the support goods to ensure most effective use.



Generators delivered to Hirota district



We received many thanks, with comments such as “I want to use it as a source to power a refrigerator to keep food” and “I want to pump well water, boil it and make a hot a bath for the neighborhood.”

Communication with Local Community

■ Fresh-clean Kitamoto, Leave it to Us Program



Employees of the Industrial Products Company conduct neighborhood cleaning activities around the plant once a month. Excepting a period with an extreme heat wave, many employees participated in the monthly cleaning activities in FY2010.

■ Acceptance of Worksite Experience Education for Junior High School Students in Kitamoto City



The Industrial Products Company accepts students for its worksite experience program as a social education component of junior high schools in Kitamoto City. The accepted students participate in an educational work experience for three days, including assistant work at a reception desk and practical work involving fabrication.

■ Acceptance of Seminars for Teachers of Technical High Schools



We receive teachers who have at least a 5-year teaching career at public high schools of Saitama Prefecture for seminars. In addition to a brief explanation of the Industrial Products Company and a plant tour, participants receive lectures on corporate environment, corporate human resources expectations and our EMS activities to broaden their perspectives.

Approaches for Environmental Protection

Green Procurement Activities

The Industrial Products Company is devoting considerable effort to establishing environmental management systems (EMS), which extend throughout the supply chain, going beyond our own production process to furnish products friendly to the environment, society and people. To achieve this, we must join forces with our business partners throughout the supply chain. We are working to get

EMS in place throughout 100% of our supply chain by obtaining external certifications such as ISO14001 and the Eco-Action 21 as a base for our policies. In FY2010, all of the 103 designated suppliers for the year acquired one of these certifications under this policy. In addition, we are requesting that they extend EMS promotion to 2nd- and 3rd-tier suppliers.

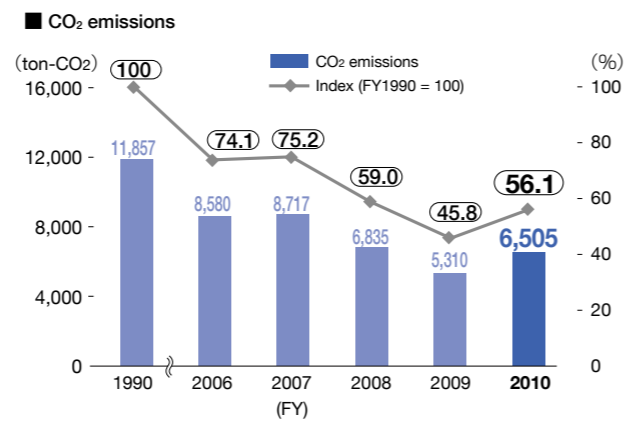
Curbing Global Warming and Energy Saving Activities

We achieved the target of cutting the amount of LPG used in the summer by 20%. To do so, we continued to follow the basic saving methods (eliminate, reduce and change) that have been in practice since FY2009. We also adopted new measures, including discontinuing the use of forced evaporation equipment, optimizing boiler operation time and applying adhesive heat insulating sheets to the washer tank. In FY2010, we adopted a hybrid heating method that uses LPG and an electric heater for warming with the electric heater used to maintain constant temperature.

This shift of heating methods made it possible to use only the electric heater during the warm and hot months from April through November, with the boiler completely left idle during the period.

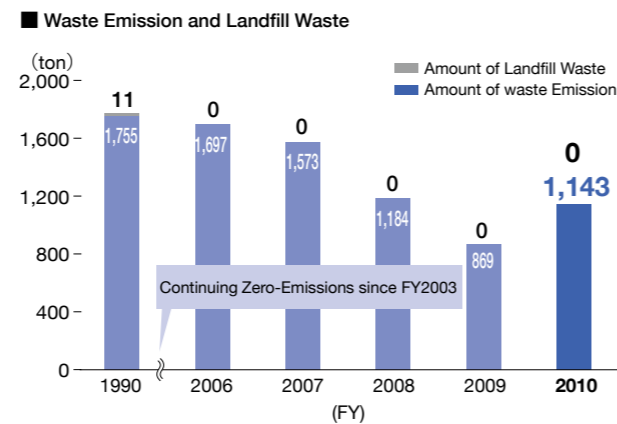
The increase in CO₂ emission compared with FY2009 is due to the recovery of production which dropped drastically in FY2009, but the emission

volume was below the level of FY2008. We believe that we are on track for further reduction based on trends showing that improvements are achieving additional reductions.



Approach to Zero-Emissions

In FY2010, efforts were made to streamline the machining lines through elimination and consolidation, but we still finished the year with 1,143 tons of disposed waste. This increase is attributable to the recovery of production which dropped sharply in FY2009. We will redouble our efforts to meet future targets.



Preventing Environmental Pollution

To live together with local communities and to maintain a verdant natural environment, we are engaged in the management of exhaust gases as well as water discharge to reduce environmental risks, promoting activities to prevent environmental accidents and public hazards.

In FY2010, we did have a report of excessive nighttime noise in Kitamoto City. We are committed to finding the cause of this and taking measures to prevent recurrence.

FY2010 Environmental Data

Water Quality Data

Kitamoto City Public Sewerage Law

Substance	Regulated Values	Voluntary Standard	Maximum Values	Minimum Values	Average Values
pH	5~9	5.4~8.6	8.3	7.3	7.8
BOD	600	480	390	100	166.7
SS	600	480	240	69	135.4
Oil content (organic)	30	24	22	4.6	8.0

[Notations] pH: Hydrogen-ion concentration, BOD: Biochemical oxygen demand, SS: Concentration of suspended solids in water (diameter: 2mm or smaller)

[Units] Except pH: mg/L

Measurement Result of Noise and Vibration

[Unit: dB(A)] [Unit: dB(Z)]

	Measurement Time	Regulated Values	Voluntary Standard	Number of Measurements	Actual Values
Noise	Morning/Evening	50	49	1	42~49
	Day	55	54	1	46~52
	Night	45	44	1	40~49
Vibration	Day	60	59	1	32
	Night	55	54	1	Under 30

Amount of PRTR chemical substances handled and emitted

[Unit: kg]

Code	CAS No.	Chemical Substances	Amount Handled	Air Release	Water Emissions	Consumption
40	100-41-4	Ethyl benzene	1,338.8	22.9		1,315.9
63	1330-20-7	Xylene	7,161.8	68.6		7,093.2
188	101-83-7	N,N-dicyclopropyl	941.1			941.1
224	108-67-8	1,3,5-trimethylbenzene	960.0	3.6		956.4
227	108-88-3	Toluene	1,053.8	172.3		881.5
299	71-43-2	Benzene ^{*1}	477.0	31.9		445.1
Total			11,932.5	299.4		11,633.1

* Listed are only those substances with annual handling volumes of 0.5 ton or more.
^{*1} Benzene is a Class I Specified Chemical Substance

Division history

- March 1943 Omiya Manufacturing Plant of Nakajima Aircraft Co., Ltd. opened and started naval aircraft fuselage production
- June 1946 Fuji Sangyo Co., Ltd. started manufacturing outboard engines at Omiya Plant
- August 1950 Omiya Fuji Industries Co., Ltd. was established
- July 1953 Fuji Heavy Industries Ltd. established
- February 1970 Accumulated production of Robin engines exceeded 1 million units
- July 1985 Accumulated production of Robin engines exceeded 10 million units
- April 1995 Saitama Manufacturing Division newly opened begins operations
- May 1999 Saitama Manufacturing Division acquired ISO14001 certification
- March 2002 Saitama Manufacturing Division achieved zero emissions
- January 2010 Fuji Heavy Industries Ltd., acquired ISO14001 Corporate Integrated Certification



Contact:

Saitama Manufacturing Division General Administration Dept.
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Tokyo Office

Overview

Location	3-9-6 Osawa, Mitaka City, Tokyo
Site Area	158,147m ²
Building Area	69,173m ²
Number of Employees	1,084
Main Business	Research, development and testing of automotive engines and transmissions



As of March 31, 2011

Top Message



Corporate Vice President
Chief General Manager
Masashi Takahashi

At Tokyo Office, we are exerting untiring efforts to develop the power units of SUBARU vehicles (engines and transmissions) so they achieve both drivability and environmental/safety performance balanced at a high level with the aim of making vehicles friendly to the environment.

By improving fuel economy and emission performance as well as developing clean energy vehicles, we play a vital role in determining the environmental performance of vehicles. We always strive to carry out environment-conscious development and business activities. With the importance of realizing co-prosperity with the community and society in mind, we will contribute to society by providing "clean power units."

Relationship with Local Society

Communication with Local Community

As an "urban-type business unit," operating near residential areas, we value our association with people in the neighborhood. In order to create a rich society together, we have undertaken the maintenance of safety and disaster prevention systems and participate in local community events and cleaning activities.



April 2010: All employees took part in an evacuation drill to prepare for a large earthquake.



April 2010: Traffic Safety Award Presented by the Mitaka Police Station.



May 2010: A class to teach motorcycle riding skills was held in cooperation with the Mitaka Police Station.



June 2010: Our EV was exhibited and demonstrated in the "Mitaka Environmental Festival" held at Mitaka City Hall.



July 2010: Winning first prize in both men's and women's divisions in a self-defense fire drill contest.



August 2010: Our employees received life saving training under instructions of the Mitaka Fire Station. This included cardio-pulmonary resuscitation and how to use AED equipment in case of an emergency.



September 2010 and January 2011: Employees, including those from affiliated companies, donated blood in campaigns organized by the Japan Red Cross.



January 2011: Our official baseball club players held a baseball class at Musashino City Ball Park for 200 primary school students who live nearby.

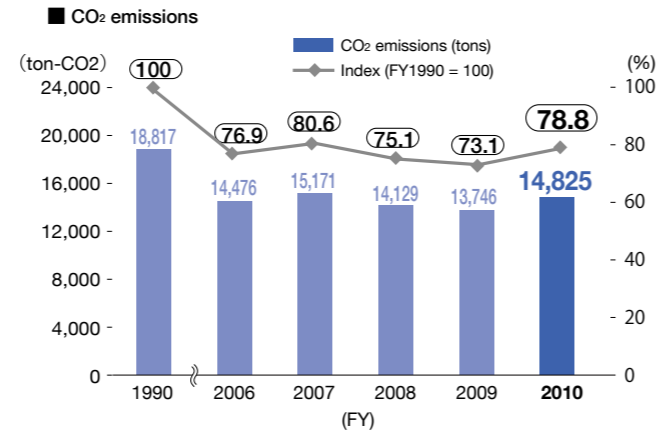
Approaches for Environmental Protection

As a comprehensive manufacturer of transportation devices with automobiles as core products, we embrace environmental preservation recognizing that “addressing global environmental problems is a critical issue in management.”

Curbing Global Warming Activities

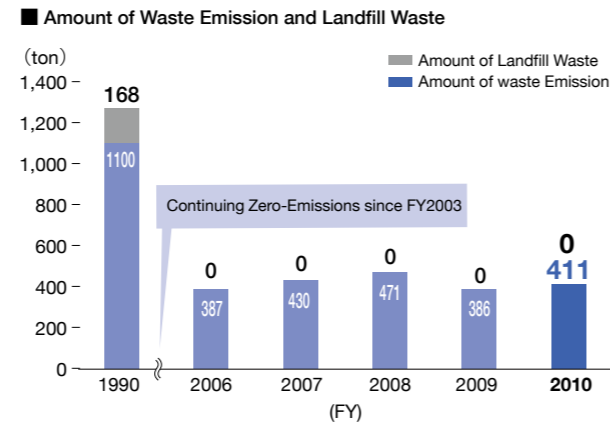
We worked to reduce CO₂ emissions by 22% by the end of 2010 against the level of FY1990, but fell a little short of the target. This was due to the increased consumption of energy as a result of R&D related work which swelled along with business expansion.

We will pursue cutting CO₂ emissions and realizing energy saving for the prevention of global warming. The change in actual CO₂ emissions up to FY2010 is shown in the chart on the right.



Approach to Zero-Emissions

Tokyo Office achieved Zero-Emissions in FY2003. We will continue to improve recycling and further reduce the amount of waste.



Solar power cells set on the roof of the new administration building

Preventing Environmental Pollution

To live together with local communities and to maintain a verdant natural environment, we are engaged in the management of exhaust emissions as well as water discharge to reduce environmental risks, promoting activities to prevent environmental accidents and public hazards. We will strive not merely to stay within standard limits, but rather to achieve our target of “zero” incidents.

FY2010 Environmental Data

The measured results all comply with the law or other agreements and also meet our voluntary standards which are 20% stricter than the levels under the agreements and ordinances.

Water Quality Data

Mitaka City Public Sewerage Law

Substance	Regulated Values (prefectural)	Voluntary Standard	Maximum Values	Minimum Values	Average Values
pH	5.7~8.7	5.9~8.4	8.4	7.7	8.2
BOD	300.0	240.0	330.0	23.0	97.7
SS	300.0	240.0	195.0	15.0	89.2
Oil content (inorganic)	5.0	4.0	Under 4.0	Under 4.0	Under 4.0
Oil content (organic)	30.0	24.0	100.0	4.0	4.7
Total phosphorus	16.0(8.0)	12.8	7.8	1.5	3.4
Total nitrogen	120(60)	96	51	15	29
Soluble manganese	10.0	8.0	Under 0.03	Under 0.03	Under 0.03
Cyanogens	1.0	0.8	Under 0.01	Under 0.01	Under 0.01

[Notations]... pH: Hydrogen-ion concentration, BOD: Biochemical oxygen demand
SS: Concentration of suspended solids in water (diameter: 2mm or smaller)
[Units]..... Bacillus coli=number/ml, all others except pH: mg/L
The regulated values of total phosphorus and total nitrogen are the diurnal averages.

Air Quality Data

The measured results are in compliance with the Air Pollution Control Law and even clear the voluntary standard set 20% higher than the regulated standard.

The Air Pollution Control Act

Facilities	Substances	Regulated Values	Voluntary Standard	Maximum Values	Average Values
Boiler	NOx	65	52	33	33
	PM	0.3	0.24	0.001	0.001

[Units]...NOx: ppm, PM: g/m³N

Amount of PRTR chemical substances handled and emitted

Code	CAS No.	Chemical Substances	Amount Handled	Air Release	Water Emissions	Transfer	Consumption	Solvent Wiping Removal	Recycle
53	100-41-4	Ethyl benzene	15,347	0.3			15,347		
80	1330-20-7	Xylene	65,093	1			65,092		
297	108-67-8	1,3,5-trimethylbenzene	12,244	0.1			12,244		
300	108-88-3	Toluene	213,959	10			213,949		
296	95-63-6	1,2,4-trimethylbenzene	42,839	0.2			42,839		
400	71-43-2	Benzene ^{*1}	6,199	1			6,198		
392	110-54-3	N-hexane	19,752	5			19,747		
Total			375,434	17.9	0	0	375,416	0	0

* Listed are only those substances with annual handling volumes of 0.5 ton or more.
^{*1} Benzene is a Class I Specified Chemical Substance

Division history

May	1941	Mitaka Research Institute of Nakajima Aircraft Co., Ltd. opened
April	1955	Name changed to Fuji Heavy Industries Ltd. Mitaka Manufacturing Division
February	1958	Production of air-cooled engines for SUBARU 360 started
August	1975	Production of engines (SEEC-T) for LEONE started
February	1982	All manufacturing division started moving to Gunma Area
February	1989	Name has changed to Tokyo Office
October	1996	SUBARU Development Division acquired ISO9001
March	1999	Production of engines and transmissions terminated at the site (Converted to concentrate on research and development)
January	2004	Tokyo Office acquired ISO14001 certification
January	2010	Fuji Heavy Industries Ltd. acquired integrated ISO14001 certification

Contact:

Tokyo Office
General Administration Dept.
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Head Office*1

Shinjuku Business Site

Location	1-7-2, Nishi-Shinjuku, Shinjuku-ku, Tokyo 160-8316
Site Area	1,600m ²
Building Area	7,254m ²
Number of Employees	593
Main Business	Planning, marketing and sales of SUBARU products, and corporate operations



Omiya Business Site

Location	1-854-1, Miyahara-cho, Kita-ku, Saitama City, Saitama Prefecture 331-0812
Site Area	3,644m ²
Building Area	4,268m ²
Number of Employees	55



SUBARU General Training Center (SUBARU Academy)

Location	1460 Hazama Town, Hachioji City, Tokyo 193-0941
Site Area	10,397m ²
Building Area	13,378m ²
Number of Employees	39
Main Business	SUBARU General Training Center



Head Office is a compound organization which consists of the collective sections, like planning, marketing and sales of SUBARU products, and corporate operations. We emphasize internal and external company communication and try to deal with the things at hand one by one.

*1 "Head Office" is a collective term referring to a scope of operations which are subject to external assessment by the ISO14001 Environmental Management System. It consists of the following 3 sites: The Shinjuku Business Site responsible for the planning, marketing and sales of SUBARU products, and corporate operations; the Omiya Business Site responsible for the marketing and sales of SUBARU parts, and constructing SUBARU's IT system; and the SUBARU Academy Site which is a residential training center for employee and dealer education.

As of March 31, 2011

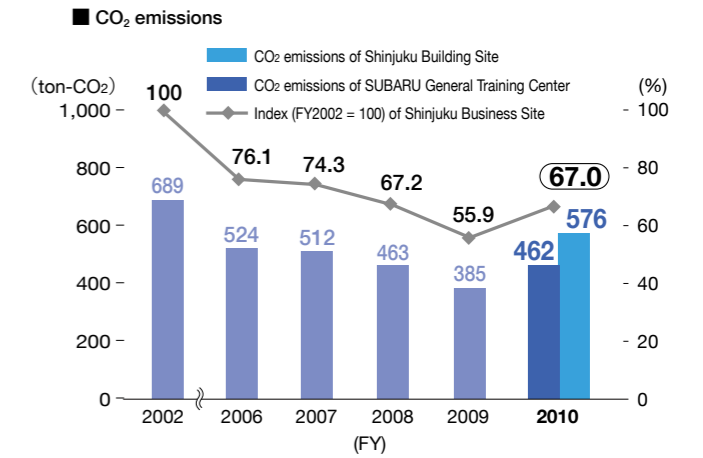
Approaches for Environmental Protection

Curbing Global Warming Activities

The amount of CO₂ emitted reached about 462 tons at the Shinjuku site in FY2010, a year-on-year increase of 20%. This increase resulted from the increased production over FY2009.

We are stepping up efforts to further save energy by such means as double checking each employee's energy saving actions under the on-going campaign "Eco Office Activities" and introduction of operation management subject to a unit-based evaluation of energy saving activities.

Starting from FY2010, we included the data of the SUBARU Academy (comprehensive training center) that acquired ISO14001 certification in FY2009 to motivate trainees on the importance of saving electricity.

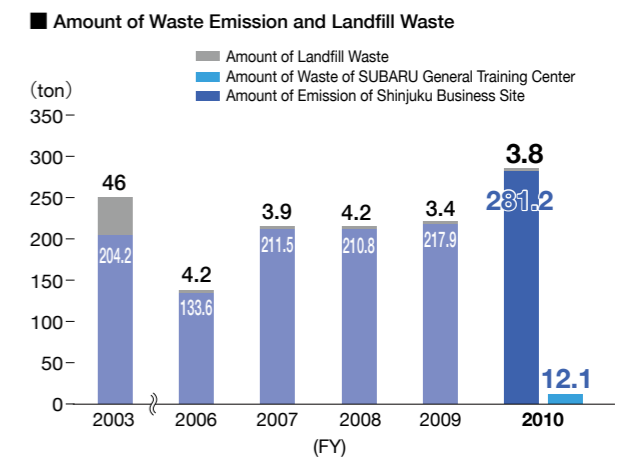


Approach to Zero-Emissions

The amount of waste disposed at the Shinjuku site totaled 281.2 tons in FY2010, up by about 29% over FY2009. This increase is attributable to simultaneous cleaning and disposal due to the change of floor layout.

The overall recycling rate stood at 95.3%, marking the fifth year in a row with results above 90%. The amount of landfill was 3.8 tons. Moreover, SUBARU General Training Center is included from FY2010.

We will continue to improve recycling and further reduce the amount of waste.



Plastic Bottle Cap Collection Campaign

SUBARU has been participating in a campaign since FY2009 to donate polio vaccine to developing countries through an NPO by collecting the caps of plastic bottles. In March 2011, as a result of the fourth collection, we reached a cumulative total of approximately 173,760 (434.4kg) caps that were donated to procure polio vaccine for about 217 patients in developing countries. This collection of caps also reduced carbon dioxide by 1,369 kg compared with incinerating the same amount of caps.

Environmental Management System

In FY2009, Head Office acquired integrated ISO14001 certification as a promotion office. The SUBARU General Training Center was included in the scope of the Environmental Management System, and we started jointly managing the environmental activities of the 3 sites, a process that will continue.

Division history

July	1953	Fuji Heavy Industries Ltd. established Head Office: 2-73 Tsunohazu, Shinjuku-ku Tokyo
May	1954	Moved to Naigai Building Head Office: 2-18 Marunouchi, Chiyoda-ku
January	1966	Moved to newly-built SUBARU Building Head Office: 1-7-2 Nishi-Shinjuku, Shinjuku-ku
March	2005	Head Office Site acquired ISO14001 certification
January	2010	Fuji Heavy Industries Ltd. acquired integrated ISO14001 certification

Contact:

Head Office General Administration Dept.
 TEL: 03-3347-2111 [Domestic]+81-3-3347-2111 [International]
 FAX: 03-3347-2015 [Domestic]+81-3-3347-2015 [International]

Relationship with Local Society

SUBARU Building Offered as a Temporary Evacuation Site

The Great East Japan Earthquake that occurred on March 11 severely damaged the public transportation system and paralyzed the traffic network in the Tokyo metropolitan area. Many people were forced to stay away from home finding it hard to return home. We accepted about 60 such stricken people, using the head office building located near Shinjuku Station as a temporary shelter. They were provided with heating in the building throughout the night, cardboard as makeshift sleeping mattresses and information updates on railroad operations.