

Fuji Heavy Industries Ltd.  
2012 CSR Site Report

# Saitama Manufacturing Division (Industrial Products Company)

## Overview (As of March 31, 2012)

Location	4-410 Asahi, Kitamoto City, Saitama Prefecture 364-8511
Site Area	143,438m <sup>2</sup>
Building Area	92,061m <sup>2</sup>
Number of Employees	441
Main Products Manufactured	General-purpose engines(Robin engines), Engine generators, etc



## Top Message



Chief General Manager  
Saitama Manufacturing Division  
Corporate Vice President

**Yasuo Ueno**

The Industrial Products Company manufactures general-purpose engines to be utilized for civil engineering, construction, and in agricultural machinery, as well as products such as generators, light projectors, and pumps. Last year's Great East Japan Earthquake made us realize how closely our products are woven into the social infrastructure and their importance in maintaining the functioning of society.

We are proud of our products and continue to pursue corporate responsibility to serve all aspects of society. Aiming to be a company that people can trust, the Industrial Products Company actively promotes environmental protection activities throughout our business processes, from product development to disposal, including anti-global warming countermeasures, energy conservation, and the reduction of waste and substances with heavy environmental loads.

## Relationship with Local Society

### Shiny Kitamoto Cleaning Program

The Industrial Products Company conducts a monthly cleanup scheme whereby our employees sweep and tidy the area around the plant. We conducted cleaning every month in FY2012 except during the period of exceptionally high temperatures.



### Orientation Sessions for High School Teachers

We provide an orientation session every year for teachers who have completed their first five years in municipal high schools in Saitama Prefecture.

The session is designed to offer an overview of the Industrial Products Company's business for their guidance in student careers, including a factory tour, as well as lectures on business contexts, the type of human resources the company is seeking, and our EMS activities.



### Work Experience for Junior High School Students

The Industrial Products Company accepts students from junior high schools in Kitamoto City for their work experience as a part of their social studies. The students enjoy hands-on experience for three days by helping with reception work and manufacturing product components.



Others

- Guided factory tours for elementary and junior high schools
- We support children's road safety every morning

### Traffic Safety Lectures

In cooperation with the Konosu Police Traffic Management Division, we organize traffic safety lectures.



# Approaches to Environmental Preservation

## Green Procurement Activities

Our Industrial Products Company continues to work on expanding the environmental management system (EMS) and reducing substances of environmental impact.

We are working to set the EMS in place throughout 100% of our supply chain by obtaining external certifications such as ISO 14001 and Eco-Action 21 as a base for our policies. In FY2012, all that year's 137 designated suppliers acquired one of these certifications under this policy.

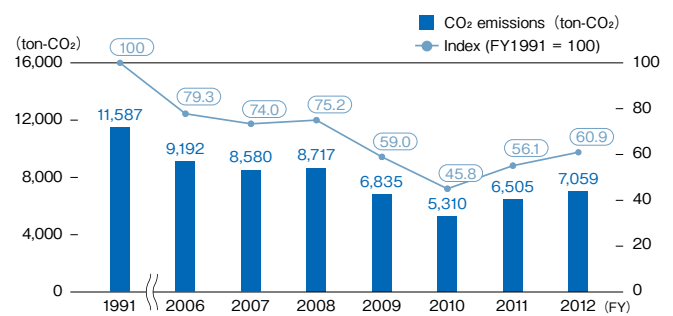
We are also working on investigating and reducing substances of environmental impact to comply with a range of legal requirements, including EU Directives.

## Curbing Global Warming and Energy Saving Activities

The CO<sub>2</sub> emissions in FY2012 were 8.5% higher than the previous year. This was because of the higher volume of operations related with the Earthquake recovery and Thai flooding. However, a comparison with FY2008, when production volume was about the same as FY2011, shows that the CO<sub>2</sub> emissions have been reduced by 15%. We believe that our efforts in CO<sub>2</sub> emissions reduction are effective.

We continue to improve the means to combat CO<sub>2</sub> emissions and further reduce energy consumption in order to alleviate global warming.

### CO<sub>2</sub> emissions



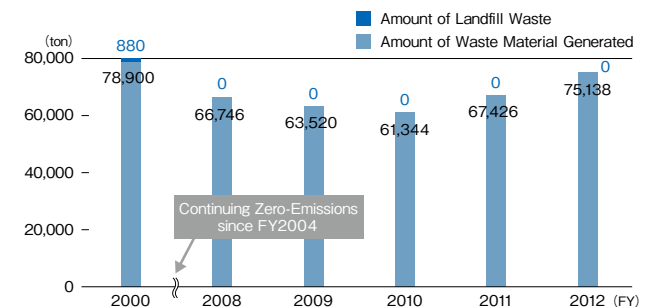
## Approach to Zero-Emissions

We have been leading a range of activities to reduce waste and maintain zero emission to landfills.

The waste amount increased compared to the previous year due to an increase in production volume. A comparison with FY2008, however, when production volume was about the same as last year, shows that the waste amount is 19% less. We also believe that our waste reduction efforts are effective.

We continue to maintain the zero emissions to landfills, which we achieved in FY2004, and to further reduce the amount of generated waste.

### Amount of Waste Material Generated and Landfill Waste



## Preventing Environmental Pollution

As in previous years, we conduct voluntary surveys on pollutant emissions and confirm that there are no breaches of the legal limitations. The survey results are reported to Kitamoto City to ensure strict legal compliance.

In order to live in harmony with local communities and maintain a green eco system, we are also working to manage gas and wastewater emissions and reduce

environmental risks, as well as promoting activities to prevent environmental incidents and pollution.

### FY2012 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

#### Kitamoto City Public Sewerage Law

Substance	Regulated Values	Voluntary Standard	Maximum Values	Minimum Values	Average Values
pH	5 ~ 9	5.4 ~ 8.6	8.5	7.3	8.0
BOD	600	480	220	86	129
SS	600	480	130	29	87.4
n-Hexane Extracts (organic)	30	24	9.6	3.2	5.3

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

[Units]— Except pH: mg/ℓ

### Measurement Result of Noise and Vibration

Item	Measurement Time	Regulated Values	Voluntary Standard	Number of Measurements	Actual Values
Noise	Morning/Evening	50	49	1	37 ~ 49
	Day	55	54	1	41 ~ 51
	Night	45	44	1	41 ~ 44
Vibration	Day	60	59	1	32
	Night	55	54	1	Under 30

### Amount of PRTR chemical substances handled and emitted

[Unit: kg]

Code	Chemical Substances	Amount Handled	Air Release	Water Emissions (public)	Transfer (sewer)	Transfer	Consumption
40	Ethyl Benzene	1345.50	10.54	0	0	0.00	1334.96
63	Xylene	5704.60	48.23	0	0	0.00	5656.37
188	N,N-dicyclopropyl	11589.00	0.00	0	0	11589.00	11589.00
224	1,3,5-trimethylbenzene	3008.80	10.14	0	0	0.00	2998.66
227	Toluene	9691.90	103.90	0	0	0.00	9588.00
392	n-Hexane	3814.70	12.52	0	0	0.00	3802.18
400	Benzene*1	642.20	30.74	0	0	0.00	611.46
Total		35796.70	216.07	0.00	0.00	11589.00	35580.63

\*1 Harmful chemical substance specified by Saitama Prefecture  
No substances with annual handling volumes of 0.5 ton or more.

## 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

General Administration Dept.

Saitama Manufacturing Division

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