Fuji Heavy Industries Ltd. 2013 CSR Site Report

# Saitama Manufacturing Division (Industrial Products Company)



ocation	4-410 Asahi, Kitamoto City, Saitama Prefecture 364-8511
Site Area	143,438m <sup>2</sup>
Building Area	92,061m <sup>2</sup>
lumber of Employees	385
lain Products	General-purpose engines (Robin



## Message from the Chief General Manager



Chief General Manager President of Industrial Products Company Shuzo Haimoto

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. The 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 global warming countermeasures, energy conservation, and the reduction of waste and substances with heavy environmental loads.

# **Relationship with Local Society**

#### "Fresh-clean Kitamoto, Leave It to Us Program"

"Fresh-clean Kitamoto, Leave it to Us Program" is a program of Kitamoto City, whereby roads, parks and other public facilities are likened to children, and the citizens and local business people "foster parents" who volunteer to regularly to take care of them by cleaning, mowing and generally tidying up. The Industrial Products Company joined this program when it started

in 2003, and conducts a monthly cleanup scheme whereby our employees sweep and tidy the area around the plant. In FY2013, some 811 employees joined in the cleanup operation.



### Traffic Safety for Neighborhood Children

Every morning, volunteer employees and security staff watch school roads and look out for traffic safety for neighborhood children. The road in front of the main gate to the Industrial Products Company is a school road used by neighborhood schoolchildren, and as such is a focus for activities aimed not only at traffic safety but also at

preventing crimes against children. These activities are recognized each year an appreciation rally organized by Kitamoto City Nakamaru East Primary School, and also praised by local citizens.



#### 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 environmental management system (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.



# Participating in Kitamoto Festival (Evening Festival)

A major event in Kitamoto City, the Evening Festival this year was attended by some 130 members of staff of the Industrial Products Company and their families. A theme of the floats at this year's festival was Narukami (Spirit of Thunder in Japanese mythology), and the scene of young man placing a seal on a dragon was beautifully expressed.

The turning of the floats was greeted with great applause from the roadside spectators, along with a further increase in flash photography signaling the rising excitement of the crowd.



# **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. Altogether 133 designated suppliers, including new ones, acquired one of these certifications under this policy.

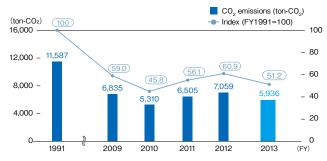
We are also work on investigating and reducing substances of environmental impact to comply with a range of legal requirements, including EU Directives.

# Curbing Global Warming and Energy Saving Activities

The CO<sub>2</sub> emissions in FY2013 were 5,936 ton-CO<sub>2</sub> 51.2% compared with FY1991.

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





## Approach to Zero Emissions

We have been leading a range of activities to reduce waste. The amount of waste emissions in FY2013 was 1,000 ton, with zero emissions to landfills. We have continued to maintain zero waste emissions to landfills since FY2004. We shall continue with zero emissions to landfills along with efforts to reduce waste.

## Amount of Waste Material Generated and Landfill Waste



## Approach to Pollution Prevention

As in previous years, in FY2013 we conducted voluntary surveys on pollutant emissions and confirmed that there were no breaches of the legal limitations. As usual, the survey results are reported to Kitamoto City to ensure strict legal compliance.

To live together with local communities and to maintain a verdant natural environment, we manage exhaust

#### Water Quality Data

#### Kitamoto City Public Sewerage Law

				[Units]All others	s except pH: mg/L
Substance	Regulated Values	Voluntary Standard	Maximum Values	Minimum Values	Average Values
рH	5~9	5.4 ~ 8.6	8.5	6.4	7.7
BOD	600	480	290	110	179.2
SS	600	480	180	11	81.5
n-Hexane Extracts (organic)	30	24	14	4.7	7.4

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

#### Amount of PRTR chemical substances handled and emitted

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

								[Unit: kg/year]
Chemical Substances	Amount Handled	Air Release	Water Emissions(public)	Transfer(sewer)	Transfer	Consumption	Solvent Wiping Removal	Recycle
Ethyl benzene	858	7	0	0	0	851	0	0
Xylene	3.652	27	0	0	0	3.625	0	0
N.N-dicyclohexylamine	637	0	0	0	637	0	0	0
1.2,4-trimethylbenzene	1.905	8	0	0	0	1.897	0	0
Toluene	6.375	98	0	0	0	6.277	0	0
n-Hexane	2,352	9	0	0	0	2,343	0	0
Benzene*	404	18	0	0	0	387	0	0
Total	16,183	167	0	0	637	15.380	0	0

\* 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
March 2010	Fuji Heavy Industries Ltd., acquired ISO14001 Corporate Integrated Certification
December 2012	Total number of SUBARU general-purpose engines produced reaches 30 million

#### Contact

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emissions as well as wastewater discharge to reduce environmental risks, and promote activities to prevent environmental accidents and public hazards.

#### FY2013 Environmental Data

We set and work towards voluntary standards 20% stricter than the legal requirements.

#### Measurement Result of Noise

# Noise Regulation Law, Saitama Living Environment Conservation Regulations

				[Unit] dB(A)
Item	Measurement Time	Regulated Values	Number of Measurements	Actual Values
Noise	Morning/ Evening	50	6	40.8 ~ 47.5
	Day	55	6	40.8 ~ 53.5
	Night	45	6	40.8 ~ 44.9