Fuji Heavy Industries Ltd. 2015 CSR Site Report

# Saitama Manufacturing Division (Industrial Products Company)

#### Overview (As of April 1, 2015)

Location 4-410 Asahi, Kitamoto City, Saitama Prefecture 364-8511

Site Area 143,438 m<sup>2</sup>

Building Area 92,061 m<sup>2</sup>
Number of Employees 423

Main Products
Manufactured

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Manufactured

General-purpose engines (Robin engines), engine generators, pumps etc.







## Message from the Company President



Shuzo Haimoto

Company President of Industrial
Products Company
Corporate Executive Vice President

The Industrial Products Company develops and manufactures general-purpose engines to be utilized in construction and industrial machinery and high-performance automotive engines to be utilized in buggies and utility vehicles (four wheel working vehicles), as well as products such as engine-driven generators, light projectors, and pumps.

Since the launch of the M6 model in 1951, our yellow ROBIN brand general-purpose engines have earned a high level of trust as tough, reliable power sources that underpin local infrastructure and are used in diverse applications and conditions in countries around the world. Moreover, these products have played a major role in disaster prevention, emergency response in times of disaster, and assistance and reconstruction for disaster-stricken areas. At present, we export them as SUBARU general-purpose engines to more than 100 countries, and they are a favorite around the world as a trusted brand.

With a mission to supply the power that underpins local infrastructure, the Industrial Products Company is committed to fulfilling our corporate responsibility to serve society through our products.

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 FY2015, some 903 employees joined in the cleanup operation.

The achievements of this program have been recognized by Kitamoto City, and it received the Kitamoto City Good Deed Commendation from the Mayor of KItamoto City in November 2014.





# Cooperation In Plant Tours to Link Children in with the Community

These activities originated in a request received from the Mayor and Board of Education of Kitamoto City for us to provide plant tours to line up with lessons being provided for third-grade elementary school pupils in Kitamoto City about work and life using the Saitama Manufacturing Division as a theme.

In FY2015, which was the first year, we hosted 280 pupils from four schools in the city. The pupils, who had studied the process up to the finished engine in their textbooks beforehand, asked a lot of questions and could be heard saying that they would like to actually try the work.





# 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 working on task such as engine assembly and parts production in the manufacturing department and modeling production of an original clip as a design in the technology department.





## Cooperation in Kitamoto City's Blood Donation Drive

Blood donations are conducted within the Industrial Products Company twice a year in spring and autumn in cooperation with the blood donation drive promoted by Kitamoto City. In July 2013, we were selected by the Japan Red Cross Society as a company with over 15 years of continuous activities, and we received the only Silver Order of Merit in Kitamoto City. We will continue our efforts to enable contributions to society in the future.





#### 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.





## Road Safety Initiatives

Based on our philosophy that, "Strongly aware of our responsibility as a manufacturer of transportation equipment, we will work to reduce traffic accidents and strive for zero traffic infringements and traffic accidents," we endeavor to raise our employees' awareness of road safety and make efforts to prevent traffic accidents. Moreover, we engage in such initiatives as announcement of the road safety activities that the Industrial Products Company is working on in the local area. These activities have been recognized and received a commendation from the Saitama Prefecture Association for Safe Driving Supervisors in January 2014. Going forward, we will actively promote road safety activities.





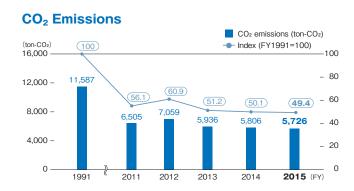
# **Approaches to Environmental Preservation**

#### 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 FY2015 were 5,726 ton-CO<sub>2</sub>. We shall continue our efforts to save energy and contribute to the prevention of global warming.



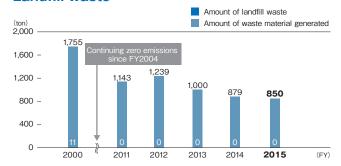
## Approach to Zero Emissions

The amount of waste emissions in FY2015 was 850 ton, with zero emissions to landfills. We have continued to maintain zero waste emissions to landfills since FY2004.

We shall continue with our efforts to improve recycling and further reduce waste.

Total amount of landfill waste (direct landfill + landfill following intermediate treatment) is less than 0.5% of the total amount of waste (industrial waste + specified industrial waste + general waste from offices) excluding scrap metal

## Amount of Waste Material Generated and Landfill Waste



<sup>\*</sup>FHI's definition of zero emissions

#### Approach to Pollution Prevention

To live together with local communities and to maintain a verdant natural environment, we manage exhaust emissions as well as wastewater discharge to reduce environmental risks, and promote activities to prevent environmental accidents and public hazards. We will strive not only to ensure that we do not exceed the

standard limits, but rather with the aim of attaining our own "zero" targets.

#### FY2015 Environmental Data

We set and manage voluntary standards for water quality and other areas that are 20% stricter than the legal requirements.

#### ■ Water Quality Data

Wastewater discharged to public sewers

All measurement results complied with the Water Pollution Control Act and the Kitamoto City Public Sewerage Law.

[Units] All others except pH: mg/L

Substance	Regulated Values	Voluntary Standard	Maximum Values	Minimum Values	Average Values
Hydrogen-ion Concentration (PH)	5-9	5.4-8.6	8.4	7.1	7.9
Biochemical Oxygen Demand (BOD)	600	480	430	189	110
Suspended Solids (SS)	600	480	380	100	143
n-Hexane Extracts (Organic) Content (Animal and vegetable fats and oils content)	30	24	22.0	1.1	7.5

#### Measurement Result of Noise

Results complied with the Noise Regulation Act and Saitama Prefecture's Ordinance to Preserve Living Environment.

[Unit: dB(A)]

Item	Measurement Time	Regulated Values	Measurement Location	Actual Values	
Noise	Morning/ Evening	55	6	45.3–54.1	
	Day	50	6	42.2-47.0	
	Night	45	6	38.9-45.0	

## ■ Amount of PRTR (Pollutant Release and Transfer Register) Chemical Substances Handled and Emitted

[Unit: kg/year]

Chemical Substances	Amount Handled	Air Release	Water Emissions (public)	Transfer (sewer)	Transfer	Consumption	Solvent Wiping Removal	Recycle
Ethyl benzene	1,064.6	7.9	0	0	0	1,056.7	0	0
Xylene	4,532.5	31.0	0	0	0	4,501.5	0	0
N,N-dicyclohexylamine	152.4	0	0	0	152.4	152.4	0	0
1,2,4-trimethylbenzene	2,352.1	7.6	0	0	0	2,344.5	0	0
Toluene	7,891.3	81.0	0	0	0	7,810.3	0	0
n-Hexane	2,972.2	9.4	0	0	0	2,962.8	0	0
Benzene	503.6	25.1	0	0	0	478.5	0	0
Total	19,468.7	162.0	0	0	152.4	19,306.7	0	0
			162.0					

## **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 ISO 14001 certification

March 2002 Saitama Manufacturing Division achieved zero emissions

March 2010 Fuji Heavy Industries Ltd., acquired ISO 14001 Corporate Integrated Certification December 2012 Total number of SUBARU general-purpose engines produced reaches 30 million

#### **▶** Contact

General Administration Dept., Saitama Manufacturing Division