

Site Report

Gunma Manufacturing Division

Main Plant

Location 1-1, Subaru-cho, Ota City, Gunma Prefecture 373-8555

Site Area 585,521m²

Building Area 312,793m²

Number of Employees 3,139

Main Products Manufactured STELLA and SAMBER models



Yajima Plant

Location 1-1, Shoya-machi, Ota City, Gunma Prefecture 373-0822

Site Area 549,845m²

Building Area 254,630m²

Number of Employees 2,759

Main Products Manufactured LEGACY, EXIGA, IMPREZA, and FORESTER models



Ota North Plant

Location 27-1, Kanayama-cho, Ota City, Gunma Prefecture 373-0027

Site Area 43,750m²

Building Area 26,841m²

Number of Employees 53

Main Products Manufactured Automotive parts



Oizumi Plant

Location 1-1-1, Izumi, Oizumi-machi, Ora-gun, Gunma Prefecture 370-0531

Site Area 316,177m²

Building Area 227,823m²

Number of Employees 1,728

Main Products Manufactured Automotive engines and transmissions



Isesaki Plant

Location 100, Suehiro-cho, Isesaki City, Gunma Prefecture 372-8508

Site Area 177,426m²

Building Area 56,332m²

Number of Employees 81

Main Products Manufactured Automotive parts



SUBARU Test & Development Center

Location Sano City, Tochigi Prefecture 327-0512

Site Area 1,080,832m²

Building Area 24,378m²



As of March 31, 2011

Top Message



Corporate Senior Vice President
Gunma Manufacturing Division Chief General Manager
Masahiro Kasai

Gunma Manufacturing Division is actively involved as a corporate citizen in various activities including environmental preservation, traffic safety and local contribution at all 5 plants.

We are exerting efforts to establish good relationships through exchanges of opinions with people in the community by participating in local events to make these activities closely tied to the community.

We will carry on positive activities to win the trust of the people in the vicinity for mutual prosperity. We hope to secure their loyal patronage for SUBARU.

Relationship with Local Society

Communication with Local Community

In order to contribute to creating a prosperous society in coexistence with local communities, the Gunma Manufacturing Division has been working with local residents, offering friendship and community exchange events, accepting plant tours and participating in cleanup activities.



April: A plant tour for stockholders was held with 94 shareholders taking part. The tour seemed to deepen their understanding of Fuji Heavy Industries Ltd.



April: Our employee received the Prize for Creativity of the Minister of Education, Culture, Sports, Science and Technology in the Science and Technology category at the award ceremony of the 2010 National Commendation for Invention, held at the Gunma Prefectural Government Office, for the invention of conveyor chain extension rate measuring equipment.



May: Iseaki Plant has been participating since 5 years ago in the "Springtime Environmental Beautification Campaign" sponsored by the Iseaki Regional Environmental Beautification Association, working together with members of other corporate groups and regional volunteers to clean the environment by picking up trash. About 160kg of trash was picked up through these joint efforts.



May: SUBARU Community Exchange Association hosted a grass cutting campaign with about 1,300 people taking part, the highest number ever. The participants included our employees and 500 junior high school students at Shinsui (Water-Friendly) Park of Kanayama Mountain in Ota City.



May: For his long years of service as a member of the trade skill certification committee of Gunma Prefecture, an instructor of our vocational training school was presented with the "Gunma Prefectural General Award" in the "Labor" category. This award is bestowed to those who contributed to public welfare through down-to-earth activities in the areas of public administration and education.



May: The 26th Oizumi Plant Friendship and Appreciation Festival opened. Since this year falls on the 50th anniversary of Gunma Manufacturing Division, 2,300 people came to the festival, which included instrumental music played by local junior school students, a popular song show, an ever-popular egg grabbing activity and many other events, all adding to the fun.



June: FY2010 SUBARU Environment Exchanges (eco classes) were held. The eco classes are designed to provide lessons at community primary schools on the global environment as part of social contributions. The program has been offered yearly since 2004 and in 2010, a total of 58 lessons were held.



July: The 24th SUBARU Cup-Ota City Schoolchildren Rubber-ball Baseball Championship was held, in which 29 teams of children waged heated games.



July: The "2010 Ota Summer Festival" was staged at the North Site (Higashi-Honcho Arcade) and South Site (Minami-ichibangai Main Street) with Ota Station in between. About 1,000 employees of the Gunma region took part in carrying "mikoshi" (portable shrine) and a car parade which created a festive atmosphere.

In April 2010, coaches of our field and track club as well as alumni served as coaches at the Ota Sports Academy Junior Track Meet. They emphasized the fun and joy of running to the youth, teaching them that this is the base of any sport, and helping them acquire the fundamental skills for track and field competitions.



July: Approximately 650 employees of Oizumi Plant took part in the 38th Oizumi Festival carrying portable shrines to boost the festive mood.



September: Our employees gave lectures with exercises on how to treat people at a training program for teachers starting their careers this year in primary and secondary schools. We helped about 100 fresh teachers learn how to be considerate, maintain the right frame of mind and adopt attitudes that are the basics of business manners. We can help others get prepared as members of society.



September: In connection with the autumn National Traffic Safety Week, a Traffic Safety Class was held at SUBARU Visitor Center to help parents and their children learn the importance of wearing seat belts and traffic safety.



October: The 2010 SUBARU Great Thanksgiving Day was held at Yajima Plant. Worksite-based teams set up food-serving instant shops and booths showing their creativity. There were also demo drives to experience the EyeSight and plant tours. The festival really warmed up.



October: The 2010 Ota Sports Recreation Festival was held at a sports park of Ota City. Our baseball team held a home-run competition and played an exhibition game. Athletes of our track and field club took part as guest runners in the Jyoshu Ota SUBARU Marathon, which was held simultaneously.



October: The ceremony to mark the 50th anniversary of opening Gunma Manufacturing Division was staged with the participation of many well-wishers.



November: At the Nitta cultural hall, the 50th anniversary "SUBARU Friendship Concert" was held in "Airys Hall." The audience brought towels, soap and other daily necessities that were donated to social welfare facilities.



December: The SUBARU Community Exchange Association sponsored the 2010 3rd Flower Giveaway and Fill-with-Flowers Campaign. This campaign aims to fill Ota City with flowers to make the whole city look cheerful at work sites and homes through member companies of the SUBARU Community Exchange Association.

Approaches for Environmental Preservation

Gunma Manufacturing Division as an automobile manufacturing works actively for environmental protection activities to realize a "Greener SUBARU" from "Clean Factories."

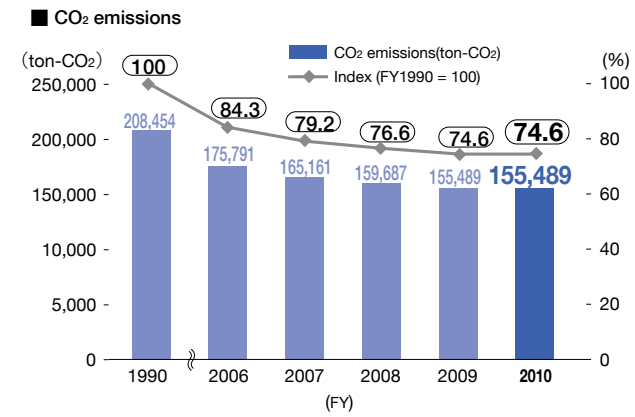
Curbing Global Warming Activities

CO₂ emissions declined over the last 5 years. A 25.4% reduction was achieved against actual performance in 1990.

This is the outcome of our efforts to cut energy to the level of the prior year even though manufacturing volume increased due to business expansion.

The Scrimpy Energy Saving Program started in FY2009 was renamed the Eco-Eco Energy Saving Program in FY2010. Through this programs, we have promoted energy saving activities by implementing in-depth studies on ways to cut energy use with patrols across the organization under the mantra "Set Rules, Stop, Fix and Lower."

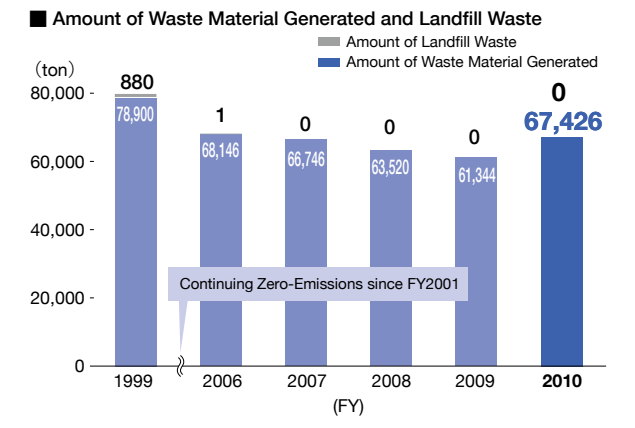
We will keep tackling energy saving with activities that help prevent global warming.



Approach to Zero-Emissions

Gunma Manufacturing Division achieved Zero-Emissions in March 2001, a trailblazing first for Fuji Heavy Industries Ltd.

We will continue to improve recycling and reduce waste further.



Preventing Environmental Pollution

To live together with local communities and to maintain a verdant natural environment, we manage 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 prevent exceeding standard limits, but rather to achieve targets of "zero."

FY2010 Environmental Data

Water Quality Data

The measured results all comply with the Water Quality Pollution Control Act, the Gunma Prefectural Ordinance, the Pollution Prevention Agreement with Ota-Oizumi and the Isesaki-City Sewerage Ordinance. They also meet our voluntary standards which are 20% stricter than the levels under the agreement and ordinances.^{*1}

*1 FHI established the voluntary standards (for air, water and vibration) which are 20% stricter than environmental laws and regulations.

■ Main Plant: Water Pollution Control Law, Gunma Prefectural Ordinances

Substance	Regulated Values (prefectural)	Voluntary Standard	Maximum Values	Minimum Values	Average Values
pH	5.8~8.6	6.1~8.3	7.7	7.0	7.4
BOD	25.0	20.0	9.4	0.5	3.8
SS	50.0	40.0	4.8	0.6	2.1
Oil Content (inorganic)	5.0	4.0	Under 1.0	Under 0.1	Under 0.1
Fluorine	8.0	6.4	1.0	Under 0.2	0.4
Oil Content (organic)	30.0	24.0	Under 1.0	Under 1.0	Under 1.0
Zinc	5.0	4.0	0.2	0.04	0.1
Soluble Iron	10.0	8.0	Under 0.1	Under 0.1	Under 0.1
Soluble Manganese	10.0	8.0	Under 0.1	Under 0.1	Under 0.1
Total Phosphorus	16.0 (0.8)	6.4	1.9	0.9	1.2
Total Nitrogen	120 (60)	48	14	4	7
Bacillus Coli	3,000	2,400	180	0	160

■ Oizumi Plant: Water Pollution Control Law, Pollution Control Agreement with Ota City

Substance	Regulated Values (prefectural)	Voluntary Standard	Maximum Values	Minimum Values	Average Values
pH	5.8~8.6	6.1~8.3	8.1	6.8	7.3
BOD	10.0	8.0	6.0	0.3	3.4
SS	10.0	8.0	6.2	0.7	3.3
Oil Content (inorganic)	3.0	2.4	1.9	0.1	0.6
Fluorine	8.0	6.4	0.2	0.2	0.2
Oil Content (organic)	30.0	24.0	1.0	1.0	1.0
Zinc	2.0	1.0	0.3	0.1	0.2
Soluble Iron	5.0	4.0	0.1	0.1	0.1
Soluble Manganese	5.0	4.0	0.1	0.1	0.1
Total Phosphorus	16.0 (8.0)	6.4	1.4	0.4	0.8
Total Nitrogen	120 (60)	48	15	6	10
Bacillus Coli	1,000	800	80	0	8

■ Iseaki Plant: Iseaki City Sewerage Law

Substance	Regulated Values (prefectural)	Voluntary Standard	Maximum Values	Minimum Values	Average Values
pH	5.7~8.7	6.0~8.4	7.8	7.2	7.5
BOD	300.0	240.0	179.0	1.1	69.8
SS	300.0	240.0	47.3	2.4	18.1
Oil Content (inorganic)	5.0	4.0	Under 1.0	Under 1.0	Under 1.0
Fluorine	8.0	6.4	1.8	1.2	1.5
Oil Content (organic)	30.0	24.0	5.8	Under 1.0	2.0
Zinc	2.0	2.0	1.8	0.02	0.7
Soluble Iron	10.0	8.0	Under 0.1	Under 0.1	Under 0.1
Soluble Manganese	10.0	8.0	3.3	0.1	1.0
Total Phosphorus	20.0	16.0	2.5	0.2	1.0
Total Nitrogen	10.0	10.0	1.2	0.2	0.5

■ Air Pollution Data

The measured results all comply with the Air Pollution Control Act, and they were also less than our voluntary standards which is 20% stricter than Law.

■ Main Plant: Air Pollution Data (Air Pollution Control Law)

Facilities	Substances	Regulated Values	Voluntary Standard	Maximum Values	Average Values
Boilers (No. 5 & No. 6)	NOx	150	120	98	73
	SOx	60.3	48.2	0.22	0.11
	PM	0.25	0.20	0.01	0.01
Dry-off furnace (electro coat, 2nd & final coat)	NOx	230	184	98	57
	PM	0.2, 0.3	0.16, 0.24	0.01	0.01

[Unit] NOx: ppm, SOx: g/m³N/h, PM: g/m³N
Among the 33 facilities specified by Law, we present here data of big boilers and dry-off furnaces. Also at the specified facilities not indicated here, measured values were in the range of values specified by Law.

■ Yajima Plant: Water Pollution Control Law, Gunma Prefectural Ordinances

Substance	Regulated Values (prefectural)	Voluntary Standard	Maximum Values	Minimum Values	Average Values
pH	5.8~8.6	6.1~8.3	7.7	7.1	7.3
BOD	25.0	20.0	7.4	2.5	4.6
SS	50.0	40.0	7.9	1.2	2.7
Oil Content (inorganic)	5.0	4.0	2.6	0.3	1.1
Fluorine	8.0	6.4	1.2	1.2	1.2
Oil Content (organic)	30.0	24.0	Under 1.0	Under 1.0	Under 1.0
Zinc	5.0	4.0	0.3	0.2	0.2
Soluble Iron	10.0	8.0	Under 0.1	Under 0.1	Under 0.1
Soluble Manganese	10.0	8.0	0.7	0.3	0.5
Total Phosphorus	16.0 (8.0)	6.4	0.7	0.4	0.6
Total Nitrogen	120 (60)	48	5	4	5
Bacillus Coli	3,000	2,400	640	110	225

■ North Plant: Water Pollution Control Law, Gunma Prefectural Ordinances

Substance	Regulated Values (prefectural)	Voluntary Standard	Maximum Values	Minimum Values	Average Values
pH	5.8~8.6	6.1~8.3	8.0	7.2	7.6
BOD	25.0	20.0	2.3	0.1	0.8
SS	50.0	40.0	4.7	0.6	1.7
Oil Content (inorganic)	5.0	4.0	Under 0.1	Under 1.0	Under 1.0
Fluorine	8.0	6.4	Under 0.2	Under 0.2	Under 0.2
Oil Content (organic)	30.0	24.0	Under 1.0	Under 1.0	Under 1.0
Zinc	5.0	4.0	0.02	0.02	0.02
Soluble Iron	10.0	8.0	0.3	0.3	0.3
Soluble Manganese	10.0	8.0	0.2	0.1	0.2
Total Phosphorus	16.0 (8.0)	6.4	5.5	4.9	5.2
Total Nitrogen	120 (60)	48	2	1	1
Bacillus Coli	3,000	2,400	0	0	0

[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. Regulated values for Total Phosphorus and Total Nitrogen are daily average value.

■ Yajima Plant: Air Pollution Data (Air Pollution Control Law)

Facilities	Substances	Regulated Values	Voluntary Standard	Maximum Values	Average Values
Boiler (No. 2)	NOx	230	184	140	78
	SOx	62	50	0.7	0.3
	PM	0.25	0.20	0.01	0.01
Dry-off furnace (Electro coat, 2nd & final coat)	NOx	230	184	140	78
	PM	0.2, 0.35	0.16, 0.28	0.01	0.01

[Unit] NOx: ppm, SOx: g/m³N/h, PM: g/m³N
Among the 20 facilities specified by Law, we present here data of big boilers and dry-off furnaces. Also at the specified facilities not indicated here, measured values were in the range of values specified by Law.

■ Oizumi Plant: Air Pollution Data (Air Pollution Control Law)

Facilities	Substances	Regulated Values	Voluntary Standard	Maximum Values	Average Values
Co-generation system (Gas engine No.1 & 2)	NOx	600	480	229	219
	PM	0.05	0.04	0.001	0.001
Aluminummelting furnace	NOx	180	144	140	78
	PM	0.20	0.16	0.04	0.02

[Unit] NOx: ppm, PM: g/m³N
Among the 12 facilities specified by Law, we present here data of melting furnace and co-generation system. Also at the specified facilities not indicated here, measured values were in the range of values specified by Law.

■ Measurement Result of Noise and Vibration

The measured results all comply with the Noise and Vibration Act, and they were also less than our voluntary standards which is 20% stricter than Law.

Measurement Area	Noise [Unit: dB(A)]				Vibration [Unit: dB(Z)]				
	Regulated Values (night)	Voluntary Standard	Number of Measurements	Actual Values	Measurement Area	Regulated Values (night)	Voluntary Standard	Number of Measurements	Actual Values
Main Plant	55	54	40	33~50	Main Plant	65	64	40	10.2~24.5
Yajima Plant	55	54	40	45~54	Yajima Plant	65	64	40	13.4~30.6
Oizumi Plant	50	49	24	39~49	Oizumi Plant	60	59	25	16.3~28.4
North Plant	50	49	30	29.3~44	North Plant	65	64	30	7~22.2

■ Measurement Result of Odor

We took measurements at 7 boundary locations at Main Plant, 7 locations at Yajima Plant, 4 locations at Oizumi Plant, 4 locations at North Plant and 3 locations at Iseaki Plant for a total of 25 boundary locations. All the measured results were less than 10 for odor concentration and odor index, meeting 21 requirements.

■ Amount of PRTR chemical materials and emission etc.

■ Gunma Manufacturing Division (Main Plant, Yajima Plant, Oizumi Plant, North Plant and Iseaki Plant) [Unit: kg]

Code	CAS No	Chemical Substances	Amount Handled	Air Release	Water Emissions	Transfer	Consumption	Solvent Wiping Removal	Recycle
53	100-41-4	Ethyl benzene	265,055	129,579			41,197	21,697	72,583
80	1330-20-7	Xylene	536,488	245,282			186,545	44,865	59,796
297	108-67-8	1,3,5-Trimethylbenzene	29,686	20,987			18	4,064	4,616
300	108-88-3	Toluene	510,598	218,179			220,516	43,184	28,719
333	302-01-2	Hydrazine	4,341	3,793				549	
355	117-81-7	2-Ethylhexyl	10,404	0.1		448	9,957		
411	50-00-0	Formaldehyde	16,685	15,905				301	479
412	none	Manganese and its compounds	1,949			136	1,812		
Total			1,375,206	633,725	0	584	460,045	114,661	166,193

■ SUBARU Test Development Center (Sano City, Tochigi Prefecture) [Unit: kg]

Code	CAS No	Chemical Substances	Amount Handled	Air Release	Water Emissions	Transfer	Consumption	Solvent Wiping Removal	Recycle
53	100-41-4	Ethyl benzene	5,819	8			5,811		
80	1330-20-7	Xylene	27,882	39			27,843		
297	108-67-8	1,3,5-Trimethylbenzene	1,164				1,164		
300	108-88-3	Toluene	57,544	92			57,452		
400	71-43-2	Benzene ^{*1}	1,861	3			1,858		
Total			94,270	141	0	0	94,129	0	0

* Noted for materials handled in volumes exceeding 0.5 ton per year.
*1 Benzene is a Class 1 Specified Chemical Substance.

Division history

December	1917	The Research Aircraft Laboratory moved to Ota-Town, Gunma Prefecture
November	1934	New Ota Plant completed and old Ota Plant renamed as Donryu Plant
August	1945	Nakajima Aircraft Company renamed Fuji Sangyo Company, Ltd.
July	1953	Fuji Heavy Industries Ltd. established
April	1955	Ota North Plant and Iseaki Plant opened
March	1958	The SUBARU 360, 4-wheeled mini car, announced
October	1960	Gunma Main Plant opened
November	1964	Test track at Gunma Main Plant completed
February	1969	Yajima Plant started operation

About others, the measured values of three heaters at North Plant and two compact boilers at Iseaki Plant observe the voluntary standard.

■ Measurement Result of Paint Facilities

We took measurements at all 15 facilities. All the measured results were less than our voluntary standards.

■ Measurement Result of VOC [Unit: ppm-C]

Facility	Regulated Values	Maximum Values	Average Values
Paint Facilities, etc	700	540	251
	400	237	112

Site Report

Utsunomiya Manufacturing Division

Main Plant (Aerospace Company)

Location	1-1-11, Younan, Utsunomiya City, Tochigi Prefecture 320-8564
Site Area	337,457m ²
Building Area	176,895m ²
Number of Employees	1,881
Main Products Manufactured	Aircraft, unmanned aircraft, space-related equipment

Main Plant (Eco Technologies Company)

Location	1-1-11, Younan, Utsunomiya City, Tochigi Prefecture 320-8564
Site Area	171,816m ²
Building Area	51,689m ²
Number of Employees	200
Main Products Manufactured	Refuse collection vehicles, wind-power generation systems, robots, etc

South Plant (Aerospace Company)

Location	1418 Kamiyokota Town, Utsunomiya City, Tochigi Prefecture 321-0106
Main Products Manufactured	Aircraft

Total Number of Employees from Main Plant, South Plant and 2nd South Plant



2nd South Plant (Aerospace Company)

Location	2-810-4 Miyanouchi, Utsunomiya City, Tochigi Prefecture 321-0131
Main Products Manufactured	Aircraft



Handa Plant (Aerospace Company)

Location	1-27, Shichi-cho, Handa City, Aichi Prefecture 475-0032
Site Area	49,041m ²
Building Area	11,269m ²
Number of Employees	372
Main Products Manufactured	Aircraft



Handa West Plant (Aerospace Company)

Location	102, Kamihama-cho, Handa City, Aichi Prefecture 475-0804
Site Area	41,977m ²
Building Area	13,809m ²
Number of Employees	27
Main Products Manufactured	Aircraft



As of March 31, 2011

Top Message



Corporate Senior Vice President
Utsunomiya Manufacturing Division
Chief General Manager

Hisashi Nagano

At Utsunomiya Manufacturing Division, we will give positively due consideration to the environment, contribute to society and implement thorough compliance, based on the "Customer Comes First" policy, toward realizing our business vision "A Compelling Company with Strong Market Presence". By trying hard to be trusted by people, we will keep working to enhance our corporate value while playing our part in the development of a sustainable society.

To make this come true, as a corporate citizen, we will redouble our efforts to deal with environmental issues such as global warming, step up compliance and traffic manners and sincerely address complaints, led by the slogan to "Be a Company Endearing to the Community" since our plants are located rather close to residential areas. At the same time, we will continue our program, taking advantage of our forte as a manufacturer, to help children deepen their understanding of science and environmental activities.

Relationship with Local Society

Communication with Local Community

We at Utsunomiya Manufacturing Division recognize the importance of coexisting with local communities as responsible members of society, and equally the importance of maintaining a prosperous society. Especially, making use of advantage as a manufacturing industry, we have been involved in supporting school education such as science and environmental protection activities for a long time.

■ SUBARU Delivery Class on Environment



FHI employees visit elementary schools in Utsunomiya city, and explain the mechanisms of global warming with experiments to deepen understanding of environmental problems. In FY2010, 724 students from 24 fifth-grade classes participated in these lectures. (Accumulating total: 4,086 students from 136 classes)

■ Interactive Hands-on Plant Tour



In August, an interactive hands-on plant tour was offered to students at Utsunomiya Manufacturing Division in agreement with a program planned by Utsunomiya City and Otawara City to expose them to the fun of making things as a reference in choosing their future career path. In FY2010, 159 elementary and junior high school students and their parents took part in the program and came to realize how light aircraft materials were through the tour to the sites for the development and manufacturing of aircraft.

■ Donation of Large Unmanned Helicopter to Teikyo University



March: A large-sized unmanned helicopter (RPH-2) was donated to the Department of Aerospace Engineering, Faculty of Science and Engineering of Teikyo University. In FY 2010, a helicopter pilot training course was opened and the university now is in the spotlight as the first university in Japan where students can get a pilot license in addition to an engineering degree. This RPH-2 will be made use of as a teaching tool to nurture budding aerospace engineers and pilots.

■ Bon Dance Festival



August: A summer's cool bon dance festival was held attracting about 4,000 people including members of local residents' associations, women's association, children associations and cooperative companies who took part in the joyful atmosphere. Started in 1984, this festival has turned into a big annual event serving the local community.

■ Friendship Festival



October: The FHI Friendship Festival attracted about 8,000 people and helped us deepen our communication with local residents. During the festival, we distributed blueberry saplings with the cooperation of the Prefectural Forestry Promotion Committee to promote greening, while publicizing CSR and environmental activities by Utsunomiya Manufacturing Division.

■ Co-sponsored Cycle Load Race JAPAN CUP



We have been cosponsoring Asia's top cycling race "the JAPAN CUP" since FY1990. Every October, Utsunomiya City hosts this event which also highlights the appeal of Utsunomiya as a city for bicycles and cycling, to those from both home and abroad. This year, a "Criterium" was held on the main streets of Utsunomiya City. Covering the whole town with excitement, 70,000 spectators came from in and out of the prefecture to enjoy the race.

Education and Enlightening Activities, Traffic Safety Activities, etc.

At Utsunomiya Manufacturing Division, taking various opportunities for promotion of CSR activities, we have been vigorously providing educational and edifying programs for promoting traffic safety and environmental protection to employees.

■ Young Driver Safety Club Training



February: We co-hosted training sessions with the Tochigi Prefectural Police Headquarters and the Safe Driving Administrators Council for 400 young drivers who work in the prefecture, promoting traffic safety and accident prevention in local communities by giving lectures about the functions and safety features of our "EyeSight" system.

■ Traffic Safety Campaign



We have provided crossing guard services at cross roads in the neighborhood of the division at commuting times to schools and offices. This also serves to make our employees more conscious of traffic manners. Since there are many routes to schools in the vicinity of the division, we offer this service twice yearly: in April, when new pupils begin to attend, and in September, when students might be too carefree after the long summer holiday.

■ Emergency Situation Training



October: We conducted emergency-response training at workshops for painting and surface treatment that are associated with high environmental burden. Leaders from the related workshops reconfirmed emergency procedures, from initial response to taking specific measures during an emergency to strengthen risk management.

■ Support in Recovery of Areas Devastated by the Great East Japan Earthquake



On March 16, we dispatched 6 eco-friendly refuse collection vehicles to Miyagi Prefecture, which suffered heavy damage and required quick removal of debris, to support their restoration efforts.

■ Clean Campaign



July: About 400 employees of Utsunomiya Manufacturing Division picked up trash and cut grass voluntarily in seven groups primarily around Minami-Utsunomiya Station of the Tobu Railway and Miyahara Ballpark near the division. The campaign this year marks the 20th anniversary. We will continue with such programs to keep our local communities clean.

■ "Green Fund" Donation



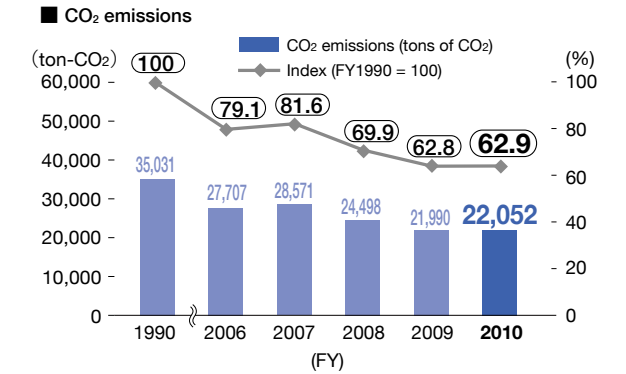
November: Contributions collected from employees working at the division were donated to the Forestry Promotion Committees of Tochigi and Aichi Prefectures. First launched in 2000, this drive marked its 11th anniversary and was honored by the National Land Afforestation Promotion Organization with the Executive Director Award. This accolade follows the Minister of Agriculture, Forestry and Fisheries Award in FY 2007. (To date, accumulated donations have totaled 3.81 million yen.)

Approaches for Environmental Protection

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

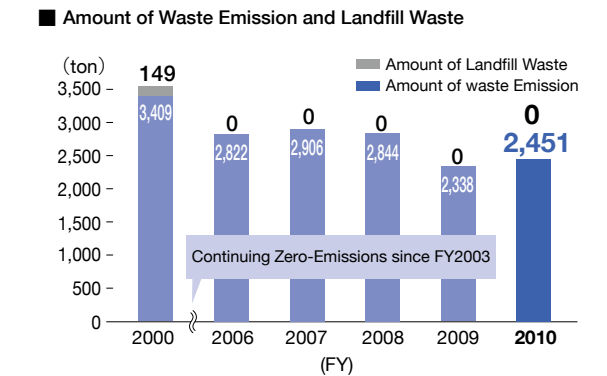
Activities to Curb Global Warming

We have reduced CO₂ emissions, realizing a 37.1% reduction in the amount of CO₂ emitted compared with actual performance in FY1990. We are committed to engaging in energy saving activities to curb global warming.



Approach to Zero-Emissions

Utsunomiya Manufacturing Division achieved Zero-Emissions in FY2003. We will continue to improve recycling and further reduce waste.



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 and water discharge to reduce environmental risks, promoting activities to prevent environmental accidents and public hazards.

Regarding the ground operations of helicopters at the south plant, they are operated on the apron^{*1} located furthest from the boundary of our premise to minimize noise for nearby residents.

In FY2010, no environmental accidents were recorded inside or outside the premise, but one noise complaint was filed by a nearby resident. Please refer to page 42 for more detail on the complaint and the corrective actions taken. We will make the utmost efforts to eliminate the source of this complaint and reduce these cases to zero.

^{*1} Apron
A place where airplanes park for fuel supply, light inspection, maintenance, etc.

FY2010 Environmental Data

The measured results all comply with the Water Quality Pollution Control Act, the Utsunomiya Sewerage Ordinance and the Handa Pollution Prevention Agreement. They also meet our voluntary standards which are 20% stricter than the levels under the agreement and ordinances.^{*2}

^{*2} FHI established voluntary standards (for air, water, noise and vibration) which are 20% stricter than environmental laws and regulations.

Water Quality Data

Main Plant: Utsunomiya City Public Sewerage Law

Substance	Regulated Values (sewerage)	Voluntary Standard	Maximum Values	Minimum Values	Average Values
pH	5~9	5.4~8.6	7.9	5.9	7.3
SS	600	480	217	Under 1.0	49.6
BOD	600	480	330	Under 0.5	51.1
Oil content (inorganic)	5	4	Under 1.0	Under 1.0	1
Oil content (organic)	30	24	20.6	Under 1.0	8.8
Fluorine	8	6.4	1.4	Under 0.2	0.5
Cadmium	0.1	0.08	0.033	Under 0.005	0.012
Cyanide	1	0.8	Under 0.1	Under 0.1	0.1
Total chromium	2	1.6	0.30	Under 0.01	0.06
Hexavalent chromium	0.1	0.08	0.05	Under 0.02	0.02

South Plant: Utsunomiya City Public Sewerage Law

Substance	Regulated Values (sewerage)	Voluntary Standard	Maximum Values	Minimum Values	Average Values
pH	5~9	5.4~8.6	7.9	6.9	7.3
SS	600	480	154	9.2	42.5
BOD	600	480	130	6.4	32.5
Oil content (inorganic)	5	4	Under 1.0	Under 1.0	1
Oil content (organic)	30	24	10.6	Under 1.0	3.1
Cadmium	0.1	0.08	Under 0.005	Under 0.005	0.005
Cyanide	1	0.8	Under 0.1	Under 0.1	0.1
Total chromium	2	1.6	0.02	Under 0.01	0.01
Hexavalent chromium	0.1	0.08	Under 0.02	Under 0.02	0.02

2nd South Plant: Utsunomiya City Public Sewerage Law

Substance	Regulated Values (sewerage)	Voluntary Standard	Maximum Values	Minimum Values	Average Values
pH	5~9	5.4~8.6	7.9	7	7.5
SS	600	480	239	1.2	32.5
BOD	600	480	63.2	1.4	20.6
Oil content (inorganic)	5	4	Under 1.0	Under 1.0	1
Oil content (organic)	30	24	7.4	Under 1.0	2.1
Fluorine	8	6.4	3.1	Under 0.2	0.7
Cadmium	0.1	0.08	Under 0.005	Under 0.005	0.005
Cyanide	1	0.8	Under 0.1	Under 0.1	0.1
Total chromium	2	1.6	0.25	Under 0.01	0.1
Hexavalent chromium	0.1	0.08	0.02	Under 0.02	0.02

Air Pollution Data

The measured results all comply with the Air Pollution Control Act, and they were also less than our voluntary standards which is 20% stricter than Law.

Main Plant: Air Pollution Control Law, Environmental Agreement with Handa City

Facilities	Substances	Regulated Values	Voluntary Standard	Maximum Values	Average Values
Co-generation system	NOx	600	480	165	164
	NOx	230	184	50	47
Dry-off furnace	PM	0.2	0.16	Under 0.001	0.001

[Unit] NOx: ppm, PM: g/m³N
Among the 9 facilities specified by Law, we present here data of co-generation system and dry-off furnaces.

Handa Plant: Air Pollution Control Law, Environmental Agreement with Handa City

Facilities	Substances	Regulated Values	Voluntary Standard	Maximum Values	Average Values
2-ton boiler	SOx	1.5	1.2	Under 0.002	0.002
	NOx	180	144	41	28
	PM	0.1	0.08	Under 0.002	0.002

[Unit] SOx: g/m³N/h, NOx: ppm, PM: g/m³N
Among the 5 facilities specified by Law, we present here data of big boilers.

Handa Plant: Water Pollution Control Law, Environmental Agreement with Handa City

Substance	Regulated Values (sewerage)	Voluntary Standard	Maximum Values	Minimum Values	Average Values
pH	6~8	6.2~7.8	7.8	6.7	7.7
BOD	25	20	10.0	0.6	2.6
COD	25	20	18.0	0.7	6.0
SS	25	20	13.0	1.0	3.2
Oil content	5	4	Under 0.5	Under 0.5	0.5

Handa West Plant: Water Pollution Control Law, Environmental Agreement with Handa City

Substance	Regulated Values (sewerage)	Voluntary Standard	Maximum Values	Minimum Values	Average Values
pH	6~8	6.2~7.8	7.8	6.6	7.2
BOD	25	20	4.2	1.3	2.6
COD	25	20	8.1	1.0	3.7
SS	25	20	12.0	2.0	4.5
Oil content	5	4	Under 0.5	Under 0.5	0.5

[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

Handa West Plant: Air Pollution Control Law, Environmental Agreement with Handa City

Facilities	Substances	Regulated Values	Voluntary Standard	Maximum Values	Average Values
2-ton boiler	SOx	1.5	1.2	Under 0.002	0.002
	NOx	180	144	40	37
	PM	0.1	0.08	Under 0.002	0.002

[Unit] SOx: g/m³N/h, NOx: ppm, PM: g/m³N
Among the 6 facilities specified by Law, we present here data of big boilers.

Measurement Result of Noise and Vibration

The measured results all comply with the Noise and Vibration Act, and they were also less than our voluntary standards which are 20% stricter than Law.

Noise

Measurement Area	Regulated Values (night)	Voluntary Standard	Number of Measurements	Actual Values
Main Plant	60	58	8	52
South Plant	50	48	3	39
2nd South Plant	50	48	3	47
Handa Plant	65	63	3	49
Handa West Plant	65	63	6	57

Vibration

Measurement Area	Regulated Values (night)	Voluntary Standard	Number of Measurements	Actual Values
Main Plant	70	68	8	51
South Plant	60	58	2	Under 30
2nd South Plant	60	58	3	Under 30
Handa Plant	70	68	3	Under 30
Handa West Plant	70	68	5	42

Amount of PRTR chemical substances handled and emitted

Utsunomiya Manufacturing Division [Aerospace Company](Main Plant, South Plant, 2nd South Plant)

Code	CAS No	Chemical Substances	Amount Handled	Air Release	Water Emissions	Transfer (sewer)	Transfer	Consumption	Solvent Wiping Removal	Recycle
30	25068-38-6	Polycondensation with 4,4'-isopropylidenediphenol and 1-chloro-2,3-epoxypropane	2,097				839	1,258		
40	100-41-4	Ethyl benzene	1,103	587			165	351		
63	1330-20-7	Xylene	5,415	2,768			872	1,775		
227	108-88-3	Toluene	29,767	21,091			5,973	2,703		
69	none	Compounds of Hexavalent chromium	571	0			171	290	110	
Total			38,953	24,446	0	0	8,020	6,377	110	0

Utsunomiya Manufacturing Division [Eco Technologies Company]

Code	CAS No	Chemical Substances	Amount Handled	Air Release	Water Emissions	Transfer (sewer)	Transfer	Consumption	Solvent Wiping Removal	Recycle
40	100-41-4	Ethyl benzene	5,610	3,411			1,363			836
63	1330-20-7	Xylene	20,522	12,477			4,987			3,058
227	108-88-3	Toluene	7,197	4,376			1,749			1,072
Total			33,329	20,264	0	0	8,099	0	0	4,966

* Listed are only those substances with annual handling volumes of 0.5 ton or more.

Signing Agreement of Environmental Preservation with Handa City

We publicly concluded a pollution prevention agreement with Handa City to replace an expiring agreement. On February 22, 2011, we newly entered into an environmental conservation agreement with the city expanding its scope to include environmental activities such as energy saving and the disposal of industrial waste.

Division history

July	1953	Fuji Heavy Industries Ltd. established
January	1958	T-1 intermediated trainer aircraft succeeded in First Flight
March	1962	Production of Road Packer (predecessor of current refuse collection vehicle Fuji-mighty) started.
August	1963	UH-1B turbine helicopters delivered to the Defense Agency
August	1965	Domestic light aircraft FA-200 (Aero SUBARU) succeeded in First Flight
1978		T-3 primary trainer aircraft delivered to the Defense Agency
1984		AH-1S anti-tank helicopters delivered to the Defense Agency
1988		T-5 primary trainer aircraft delivered to the Defense Agency
December	1992	Assembly plant of Boeing 777 (Handa Plant) started operations
1993		UH-1 J Helicopters delivered to the Defense Agency
July	1999	Utsunomiya Manufacturing Division acquired ISO14001 certification
November	2000	Fuji-mighty Type LP0 went on sale
March	2002	Utsunomiya Manufacturing Division achieved zero emission
June		Company system introduced Aerospace Company and Eco Technologies Company established Aerospace Company
July		T-7 new primary trainer aircraft succeeded in maiden flight and delivered to the Defense Agency
September	2005	Main wings of Transport Aircraft X and fixed-wing patrol aircraft delivered to the Defense Agency
December		Pilot large-scale wind power generation unit built in Kamisu City, Ibaraki Prefecture
March	2006	AH-64D helicopters succeeded in maiden flight and delivered to the Defense Agency
January	2007	First delivery of Boeing 787, Main Wing
January	2010	Fuji Heavy Industries Ltd., acquired ISO14001 Corporate Integrated Certification
April	2010	The Fuji Mighty Electra launched



Boeing 777



Boeing 787



New electric refuse collection vehicle The Fuji Mighty Electra: Garbage collection can now take place with the engine stopped as this truck's refuse collection mechanism is powered by rechargeable batteries.



The SUBARU 80/2.0 wind-power generator system

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