



# ANNUAL REPORT 2011 FOR THE YEAR ENDED MARCH 31, 2011

# Profile

Founded in 1907 in Muroran, Hokkaido — the center of steel production in Japan — The Japan Steel Works, Ltd. began as a joint venture with Britain's Sir W.G. Armstrong, Whitworth & Co., Ltd., and Vickers Sons and Maxim, Ltd. with the goal of domestic weapons production in Japan.

After World War II, the Company turned its sophisticated technologies and considerable experience to the task of meeting peacetime needs. From steel manufacturing and machinery development, to new business fields such as automobiles, electrical equipment, information equipment, as well as heavy industries such as electricity, steel, shipbuilding, and petrochemicals, the Company widened its business horizons, and began to earn a worldwide reputation as an integrated producer of steel materials and manufacturer of machinery.

At present, meeting the needs of IT-related industries, such as information and communication, JSW's global activities stretch beyond its existing fields to encompass the development of such cuttingedge technologies as new energy, natural energy, new materials, optics, and electronics. The Company is also active in new fields such as environmental businesses as a comprehensive material provider and manufacturer of mechatronic products. Always ahead of trends in society and industry, JSW is preparing for sustained and vigorous growth in a wide number of emerging areas to satisfy the demands of its customers, shareholders and employees. In this way JSW aims to enhance its enterprise value.

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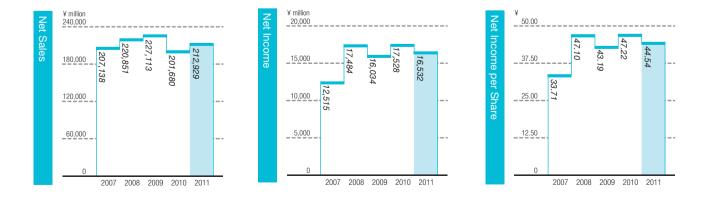
Forward-Looking Statements The forward-looking statements in this annual report reflect judgments based on information available at the present time. Actual results may differ widely due to various factors.

# Financial Highlights (Consolidated)

THE JAPAN STEEL WORKS, LTD. AND CONSOLIDATED SUBSIDIARIES	Years ended March 31, 2011, 2010 and 2009
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	Millions of Yen			Thousands of U.S. Dollars
	2011	2010	2009	2011
For the year:				
Net sales	¥212,929	¥201,680	¥227,113	\$2,560,782
Operating income	28,495	32,185	36,633	342,694
Net income	16,532	17,528	16,034	198,821
At year-end:				
Total assets	339,263	322,986	296,909	4,080,132
Total net assets	120,820	111,149	90,125	1,453,037
Ratios:				
ROE	14.4%	17.6%	18.3%	
Equity ratio	35.3%	34.0%	30.3%	
Amounts per share (yen and U.S. dollars):				
Net income	¥44.54	¥47.22	¥43.19	\$0.54
Cash dividends applicable to the year	12.00	12.00	12.00	0.14

Note: Amounts in U.S. dollars are presented solely for convenience and based on the rate of \$83.15 = US\$1.00, the rate of exchange on March 31, 2011, the date of the Company's most recent balance sheet.



# Message from the President



Shifting from a performance recovery and expansion phase to a period of profit structure reconstruction

**Ikuo Sato** Representative Director & President

## **Business performance**

In fiscal 2010, the fiscal year ended March 31, 2011, Asia and particularly China as well as developing countries experienced high rates of economic growth. Together with this driving force, the overall global economy entered a recovery trajectory. Meanwhile, turning to conditions in Japan, the domestic economy showed signs of a partial favorable upswing due to such factors as an increase in export activity to developing countries. However, amid the sharp appreciation in the value of the yen and the rapid and prolonged increase in crude oil prices, conditions in Japan were greatly impacted by the massive damage caused by the Great East Japan Earthquake that struck the nation in March 2011. Despite delays in certain shipments and other minor interruptions to its business activities, the JSW Group's employees, operating bases and facilities were unaffected by the disaster. In this regard, the impact on performance for the fiscal year under review was minimal. Looking ahead, however, at the future of the electric and nuclear power sectors, mainstay areas for the Group's operations, there is little room for complacency.

Under these circumstances, the JSW Group embarked upon its medium-term management plan, "JGP2012," that covers the three-year period from fiscal 2010 in May 2010. Under this plan, JSW's business vision is to become a "company that creates change"

with creative technology, and that contributes to the development of society. At the same time, the Company has identified the goal of becoming the number one global *monozukuri* company. In specific terms, JSW accordingly engaged in strategic development in each of its business fields while promoting measures aimed at strengthening its financial position. In addition to actively pursuing increased efficiency in the balance between inventory turnover and notes and accounts receivable, JSW undertook cost-cutting measures including the reduction of variable costs and further rationalization of fixed costs in an effort to lower the break-even point. Despite these endeavors, the Company was buffeted by a drop in product prices in line with the strong yen and intensifying competition as well as such factors as the increase in depreciation and amortization.

Taking into account each of the aforementioned factors, consolidated net sales in fiscal 2010 increased 5.6% compared with the previous fiscal year to ¥212,929 million (US\$2,560 million) on the back of growth in the Industrial Machinery Products Business. From a profit perspective, orders and sales of industrial machinery increased. This was, however, more than offset by the upswing in depreciation and amortization relating to the Steel and Energy Products Business. As a result, operating income declined 11.5% year on year to ¥28,495 million (US\$342 million). In similar fashion, ordinary income slipped 6.7% to ¥29,168 million (US\$350 million) and net income fell 5.7% compared with the previous fiscal year to ¥16,532 million (US\$198 million).

While orders received for the Steel and Energy Products Business were soft, results were up in the Industrial Machinery Products Business. As a result, orders received in fiscal 2010 totaled ¥216,883 million (US\$ 2,608 million), an increase of 3.4% compared with the previous fiscal year.

With respect to the appropriation of profits, the Company remains committed to bolstering its internal reserves in order to fund the capital expenditure required to ensure long-term and stable business as well as technology development and to strengthen its financial position. At the same time, JSW will continue to promote the payment of stable and sustained dividends to its shareholders. Taking these factors into consideration, the Company has decided to pay an annual dividend at the previous fiscal year's level of ¥12 per share for the fiscal year under review.

# **Forecasts for fiscal 2011**

Looking ahead, Japan's economy is projected to pick up on the back of the positive shift in the global economy. Despite these favorable conditions, the future outlook remains shrouded in uncertainty due to the inherent downside risks associated with the impacts of damage from the Great East Japan Earthquake. The JSW Group has positioned efforts to minimize the negative impact of a global-scale review of nuclear power policies as a key management priority in fiscal 2011. In this context, plans are in place to revise its current medium-term management plan and to formulate a new plan beginning the fiscal year ending March 31, 2013.

On an individual business segment basis, orders received for power plant components are expected to decrease. Orders received for plastics manufacturing and processing machinery, on the other hand, are forecast to increase. Sales of pressure vessels for oil refinery use are anticipated to decline. In addition to a projected upswing in sales of power plant components and clad steel pipes for natural gas field pipeline use, results from plastics manufacturing and processing machinery and from plastic injection molding machines are expected to improve. Accounting for each of the aforementioned factors, net sales, operating income, ordinary income and net income are forecast to total ¥225,000 million, ¥19,500 million, ¥20,000 million and ¥11,500 million, respectively, in fiscal 2011. However, as previously identified, JSW's performance is susceptible to the impact of fluctuations in global nuclear power generation plans. These plans are anticipated to change with time, and accordingly the Company will continuously reassess and review its numerical targets as and when required based on an analysis of conditions.

Despite substantial fluctuations in its operating environment, the JSW Group will continue to expand its growth platform by further upgrading and enhancing its proprietary technologies while actively reconstructing its profit structure. As we work toward achieving our established goals, I ask for the continued understanding and support of all shareholders.

June 2011

Ikuo Sato Representative Director & President

N. Sato

# Topics

# Commenced the Manufacture and Sale of Finished Injection Molding Machines in China

JSW established JSW Machinery (Ningbo) Co., Ltd., a subsidiary in Ningbo, Zhejiang Province, for the purpose of manufacturing finished machinery in December 2010. The company began manufacturing small and medium-scale standard machinery in January 2011 and made its first shipment to a local customer in spring.

Against the backdrop of burgeoning demand for highquality plastic molded products in China, calls from the market for injection molding machines that combine quality with reliability continue to grow. In undertaking local production in China, JSW aims to steadily capture this demand and is working toward a monthly output of 60 units.

Moreover, JSW began procuring components in collaboration with Toyo Machinery & Metal Co., Ltd. in China from April 2011. This initiative is designed to ensure the smooth start-up of local production while at the same time driving down costs. In addition to this production strategy, the Company has adopted a sales and marketing strategy that entails cultivating relationships with leading local sales agents and expanding sales channels by engaging in local currency transactions. JSW Machinery (Ningbo) Co., Ltd. Company Profile Location: Ningbo, Zhejiang Province, China Representative: Tatsuyuki Arakami, President and Chief Executive Officer Business Activities: Manufacture of small and medium-scale electric injection molding machines Date of Establishment: December 7, 2010 Capital: US\$2,100,000 (100% equity interest)



A small-scale electric injection molding machine manufactured in China

# Growing Demand for Excimer Laser Annealing Systems for Small and Medium-Scale Liquid Crystal Panels

Orders for excimer laser annealing systems are expanding steadily on the back of demand growth in recent years for devices equipped with small and medium-scale, high-definition panels including smart phones and tablet terminals.

Excimer laser annealing systems are used in the manufacture of high-definition liquid crystal and organic EL displays. JSW is a leading manufacturer of excimer laser annealing systems with a global market share exceeding 70%. Looking ahead, demand for small and medium-scale, high-definition panels is projected to continue increasing in the future. Offering high system productivity, a wealth of experience and comprehensive services, JSW will continue to address the needs of its customers. Moving forward, the Company will work to further expand the market by responding the requirements in the organic EL television and semiconductor fields.



Examples of highdefinition panels manufactured using the Company's systems



An excimer laser annealing system

# **Our Business Domains**

JSW and the JSW Group carry out a wide range of business activities in a variety of fields. In the Steel and Energy Products Business, these activities include the production and sale of steel castings and forgings, steel plates and structures, as well as wind turbine system equipment, which is a business area developed in recent years. In the Industrial Machinery Products Business, these activities include the production and sale of plastics machinery and other machinery, magnesium alloy injection molding machines and molded products, and IT equipment. In addition, as part of our program of business diversification, we are active in regional development, information systems and other areas in the Real Estate and Other Businesses.

# Steel and Energy Products Business

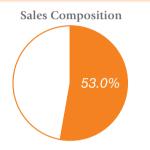


# **Steel Products**

Making steel in electric furnaces, we produce a broad range of cast products and steel ingots for forged products. In ingots for forgings, we have one of the world's largest production capacities, of 650 tons. Our range of presses and hammers of various types and sizes, including two 14,000ton hydraulic presses, ensures that we can deliver forgings in any needed shape. After undergoing heat treatment, machining and finishing, the forged products are used in the electric power generation industry (fossil fuel, hydroelectric and nuclear), and the steel-making, oil refinery and industrial machinery sectors. In addition to being a leading global supplier of extra large forged products, our plant produce a wide range of high-quality small- and medium-sized steel cast and forged products.

### Main Business Lines

Production and sale of products for power generation, steel-making, chemical machinery, nuclear power-related machinery and equipment, die materials, and other areas





# **Steel Plates and Structures**

With one of Japan's largest 4-thick plate reversing rolling mills, we can roll highquality, extremely thick, wide, and long steel plates (maximum thickness: 350 millimeters, maximum width: 4.8 meters, maximum length: 20 meters). Using advanced manufacturing technology we now mainly produce high-quality clad steel plates and clad steel pipes using clad steel plates. In addition, by integrating various forged steel products and leveraging our state-of-theart welding technologies and facilities, we produce a range of pressure vessels for very large welded structures such as oil refineries and petrochemical plants, in an integrated process from raw materials to finished products. All of our products are used in a wide range of industrial applications in Japan and overseas, giving this business a unique profile.

### Main Business Lines

Production and sale of products for oil refining, petrochemical, general chemical, and power generation industries, as well as a wide range of pressure vessels, clad steel plates, clad steel pipes, extra-thick steel plates, and other areas



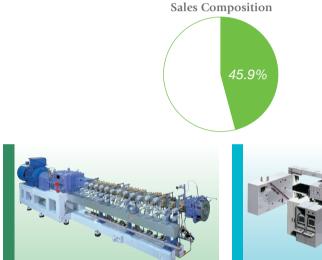
# Wind Turbines

This sector deals with the entire wind turbine power generation system business, designing its own towers, blades and equipment for power generators used in large windmills (200kW). Higher power generation efficiency and ease of maintenance have been achieved for power generators through the use of permanent magnet synchronous generators and the elimination of step-up gears. This sector provides windmills of superior reliability, which are needed for Japan's unstable wind conditions.

# Main Business Lines

Production, sale and maintenance of wind turbine system equipment

# Industrial Machinery Products Business



# **Plastics Machinery**

Having established a microcellular foam processing technology for greater weight reduction and heat retention, we lead the competition in developing products that address the growing sophistication and diversity of plastics materials. We have built up a solid position as a comprehensive plastics machinery manufacturer involved in everything from pelletizers to processing machinery.

In injection molding machines, we are meeting current market demand for greater molding precision, productivity and environment-friendliness by upgrading basic performance of existing injection molding systems and developing energy-saving, electrically-driven injection molding machines.

To respond to diversifying needs in these product markets, we have established a Technology Development Center and engage in wide-ranging consultation with product users, enabling us to put in place an integrated development system to cope with changing demand, from manufacturing to processing machinery.

### Main Business Lines

Production and sale of plastic injection molding machines, plastics production and processing machinery (including pelletizers, compound extruders, films and sheet manufacturing equipment, and others) and blow-molding machines



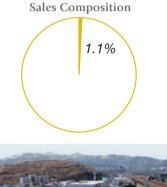
# **Other Machinery**

Supported by a proprietary technologies and facilities, JSW produces industrial machinery for a wide range of demand, including defense equipment, power plant equipment, magnesium alloy injection molding machines, aluminum die-casting machines, laser annealing systems, rolling stock parts, and environmental facilities.

### Main Business Lines

Production, sale, and maintenance of fluid machinery, hydraulic machines, machinery for the production of electronic components and displays (laser annealing systems, rubbing machines, etc.), magnesium alloy injection molding machines, aluminum die-casting machine, JSW-type automatic tightlock couplers/W-type vehicle shock absorbers, and defense equipment

# Real Estate and Other Businesses





# Regional Development

Centered on the construction of office buildings, commercial facilities, and rental condominiums on Company-owned land, we engage in regional development operations with the objective of ensuring stable earnings through the utilization of idle assets. Our goal is to raise our earnings and revitalize local communities through a more effective application of our assets, based on the reserves of expertise we have accumulated in our business operations.

#### Main Business Lines Rental of property, and development/subdivision for sale

# **Review of Operations**

# Steel and Energy Products Business

# Steel Products Sector/Steel Plates and Structures Sector/ Wind Turbines Sector



Shell Flange Used for Pressure Chamber for Nuclear Power Plant

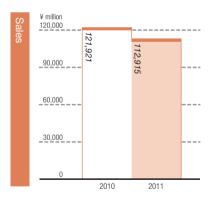




 
 Y million 140,000

 105,000

 2010



# Performance in fiscal 2010

Orders came to ¥98,829 million (US\$1,188 million), a year-on-year decrease of 20%. Despite a significant increase in sales of clad steel pipes for natural gas pipelines, total orders declined due to project cancellations of wind turbine system equipment and project delays of some nuclear power plants in North America.

Sales came to ¥112,915 million (US\$1,357 million), a decrease of 7%. Despite brisk sales of pressure vessels for oil refineries, the decrease was attributable to a substantial decline in sales of wind turbine system equipment and the postponement of shipments of components used in power plants and of some clad steel pipes for overseas customers to next year due to the effects of the Great East Japan Earthquake.

Operating income came to ¥25,059 million (US\$301 million), a decline of 17%. This was due to intensifying price competition and an increase in depreciation expenses resulting from capital investments in JSW's Muroran Plant, as well as the effects of sharply rising raw material prices.

# Industrial Machinery Products Business

# Plastics Machinery Sector/ Other Machinery Sector



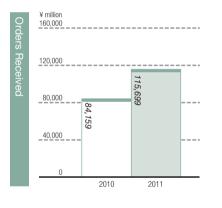
Polyolefin Extruder/Pelletizer

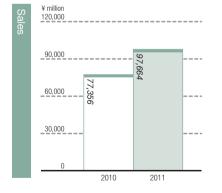


Large-Size All-Electric Injection Molding Machine (24600kN)



Magnesium Alloy Injection Molding Machine (280t)





# Performance in fiscal 2010

Orders climbed 37%, to ¥115,699 million (US\$1,391 million). This was attributable to a substantial increase in orders for plastic injection molding machines due to growing demand in emerging countries, especially Asia, as well as for plastics manufacturing and processing machinery, and laser annealing systems.

Sales rose 26%, to ¥97,664 million (US\$1,174 million). The increase was due to brisk orders for plastic injection molding machines and for plastics manufacturing and processing machinery.

Operating income jumped 149%, to \$3,253 million (US\$39 million), owing to higher sales and successful cost-cutting activities.

# **Review of Operations**

# Real Estate and Other Businesses

# **Regional Development**



## **Capital Expenditures**

Capital expenditures for the reporting period totaled ¥26,722 million (US\$321 million), with the majority spent on installation, improvement and maintenance work on a variety of production facilities.

Details of capital expenditure by individual business segment are as follows.

In the Steel and Energy Products Business, capital expenditures totaled ¥25,217 million (US\$303 million). This expenditure consisted largely of investments to construct new buildings and equipment for the forging and heat treatment facilities at Muroran Plant, as well as upgrade equipment at steel-making plants.

In the Industrial Machinery Products Business, capital expenditures came to ¥1,309 million (US\$15 million) as a result of investments to raise machine processing efficiency at our Hiroshima Plant.

In the Real Estate and Other Businesses, capital expenditure consisted primarily of the upgrading of facilities on real estate for rental purposes, totaling ¥73 million (US\$0.8 million).

Capital expenditures unallocable to individual segments came to ¥121 million (US\$1 million).

# **Research and Development**



Muroran Research Laboratory

Research and development activities were almost entirely funded by the Company (The Japan Steel Works, Ltd.). Combined spending on research and development for the Steel and Energy Products Business and the Industrial Machinery Products Business amounted to ¥4,487 million (US\$53 million).

As a materials and mechatronics company, we strive to develop new products and production techniques using our own technology, while also actively promoting widespread technical alliances and joint development in an effort to put new products and technologies into effect as quickly as possible.

In terms of the direction of research and development, our Research and Development Headquarters continues to promote cooperation with individual business divisions in order to: (1) improve the capabilities, performance and reliability of our core products and (2) develop products in new business fields based on our core and differentiated technologies.

Our Research and Development Headquarters encompasses our headquarters (located at Head Office), the Muroran Research Laboratory (situated on the premises of the Muroran Plant), and the Hiroshima Research Laboratory (located at the Hiroshima Plant).

Our basic research and development policy is as follows.

- Promoting the development of new products and businesses by focusing on the technological fields of new energy & energy savings, information & telecommunications, nanotechnology & materials, and new production technologies, which are directly related to our current business activities. We aim to develop our existing business by focusing on increasing and upgrading our core technologies while pursuing increased collaboration between the Research and Development Headquarters and our business divisions.
- 2. Promoting not only basic research aimed at future technologies and the needs of 21st century society but also research on component technologies used in existing products, we will develop these into research and development projects that will translate into new products and businesses in the future as well as into innovations and new possibilities for existing products.
- 3. In product development for Steel Products, we are focusing on energy fields and on further expanding the number of our many number one products while at the same time commercializing products in new fields.



Hiroshima Research Laboratory

In Machinery Products, we are aggressively promoting the expansion and upgrade of industrial machinery including plastics machinery and IT equipment. We will prioritize investments in business resources by defining a framework for commercialization with an eye toward mergers and acquisitions and the forging of alliances.

# Overview of R&D activities by business segment

#### **D D Steel and Energy Products Business**

In terms of the development of steel products centered on materials, we have been carrying out materials development in such areas as clad steel pipes for natural gas transportation, large steel castings and forgings and high alloy materials for high-efficiency thermal power generation, forged steel products for next-generation nuclear power plants, and high-performance nonferrous alloys, as well as manufacturing process technology development. We have also been pursuing technological development to create more advanced materials and component technologies for existing products. In the field of new energy, we have set out to design wind turbine blades for use at wind power generation plants, establish various reliability-related analytical technologies and develop more advanced component technologies for power generators.

For fiscal 2010, spending on steel and energy products' research and development totaled ¥1,641 million (US\$19 million).

#### **D D** Industrial Machinery Products Business

In the field of machinery-related products, we have been developing low-cost production technologies for high performance magnesium alloy injection molding machines, the commercialization of aluminum die-casting devices, and high-precision molding technology for plastic extruder and injection molding machinery. We have also been developing higher performance compressors and equipment for making film, as well as laser applications, including systems for cutting-edge laser annealing equipment used in the production of TFT (thin-film transistor) liquid crystal displays, and other applications for laser devices.

Spending on industrial machinery products' research and development totaled ¥2,845 million (US\$34 million) for fiscal 2010.

# **Basic Stance on Corporate Governance**

At JSW, we believe we must earn the trust of all our stakeholders, including our shareholders and employees, not merely to raise our enterprise value, which comprises both the Company's economic value and its value to society in the broader sense, but to make possible our very existence.

We have, therefore, designed a set of management structures to ensure an effective system of corporate governance, and have taken all necessary measures to facilitate the appropriate disclosure of corporate information so as to achieve the level of management transparency demanded by investors today.

# An Outline of Our Corporate Governance System

The Company employs the traditional statutory auditor system, comprising seven directors and four statutory auditors (hereafter, "corporate auditors"), one of whom is an outside director. Beginning from April 1, 2011, the Company reviewed its management system in order to speed up management decision-making, strengthen oversight functions and improve management of dayto-day operations and reduced the number of Board members and their term of office from two years to one year. It also introduced a corporate officer system to keep the decision-making and supervisory functions of top management separate from the day-to-day business execution functions of corporate officers. In principle, the Board of Directors' meeting is convened once a month. At the meeting, decisions and reports are made on matters of importance to the management of the Company, including basic management policies and matters stipulated by legal statute. The Board is also responsible for overseeing the day-to-day execution of business by directors. Meetings are also held by the Executive Board, composed of the Company's president, executive vice president, and any other person as shall be designated by the president. The Executive Board convenes once a week to deliberate on important matters and is augmented by the heads of operating divisions, plant general managers and managers at corporate headquarters to form the Management Council, which convenes once a month, as a general rule. The Management Council analyzes the business environment, monitors the progress of

business plans, and ensures that knowledge is widely shared among the Company's management and is reflected in their decisions and that risk management and compliance are rigorously observed.

The Board of Corporate Auditors consists of four corporate auditors, of which two are outside corporate auditors with one serving full-time. The Company's corporate auditors attend meetings of the Board of Directors, the Executive Board, the Management Council and other important meetings. They also pay regular inspection visits to all the Company's plants and offices and to Group subsidiaries once during each half of the fiscal year, as a general rule. They exercise strict oversight with regard to the execution of Company directors' duties, such as by receiving important reports when needed from the aforementioned divisions and exchanging views with directors and key employees. Based on this, they express their views to management from an objective and neutral point of view.

# Our Internal Control and Risk Management System

JSW regards it as a management issue of crucial importance to have an effective internal control system in place to ensure the correct performance of business operations. We are, therefore, working to improve our system of internal control in line with our Basic Policy on Internal Control Systems resolved at the meetings of the Board of Directors as well as detailed measures decided each year for dealing with specific internal control issues. In addition, we will respond to social changes and work to achieve a more appropriate and efficient system by properly reviewing internal control issues and responses. The points below delineate the fundamental stance adopted by the management of JSW toward the issue of internal control, and the progress achieved thus far in strengthening the Company's internal control system.

### 1. Improving the internal control system

In addition to setting up a specialist unit dedicated to supervising the Company's internal control system, the Internal Control Committee holds meetings both regularly and ad hoc as deemed necessary.

# 2. Observance of legal regulations and the Company's Articles of Incorporation

JSW does not limit compliance to the prevention of illegal acts and the observance of legal regulations and the Company's Articles of Incorporation. It views compliance in the broader context of general social responsibilities and the upholding of a wide variety of rules and regulations. The key to success for compliance activities lies in having directors and corporate officers take the initiative in setting an example and practicing truthfulness, while raising employee awareness on compliance issues through education and training and promoting this in an integrated manner with risk management.

JSW has established a department responsible for internal audits to ensure that the Company's overall operations observe all laws and regulations, as well as in-house rules. In addition to periodic audits, this department conducts spot audits, as deemed necessary. The results of these audits are reported to the president and relevant parties including, as appropriate, the Board of Directors, the Executive Board, the Management Council and the Board of Corporate Auditors.

We have also created a system of internal and external routes for reporting and discussing compliance violations when discovered. The person filing the report is guaranteed anonymity. Violators, regardless of whether they are directors, corporate officers or staff, will be punished accordingly, and measures will be taken swiftly to prevent any recurrence.

The Company has clarified in its Corporate Code of Conduct its policy of strict opposition to the activities of criminal organizations or individuals and it takes firm action to eliminate these anti-social forces through the establishment of a single dedicated office for the communication of relevant information and the management of countermeasures.

### 3. Safeguarding and management of information

The Company appoints a director or corporate officer to be the chief information security officer (CISO) to ensure the safeguarding and management of information. In accordance with rules and regulations governing the management of documents and information, the Company stores and manages important information related to the execution of directors' and corporate officers' duties including the minutes of important meetings and written requests for management decision approval (*ringisho*), and other important documents as written documents or as electronic records held in safekeeping. Further, directors and corporate auditors are able to access and view or copy this information as needed.

The Company also discloses financial and important management information in a timely and appropriate manner.

### 4. Risk management

At JSW, directors, who concurrently serve as the managers at corporate headquarters, corporate officers, and employees understand and evaluate the risks involved in carrying out their duties in their divisions, and within the scope of their authority, as stipulated by regulations and the system for management decision approval (*ringisho*), they ensure that they execute their duties efficiently and respond to risks in an integrated manner. Important matters pertaining to risk management are discussed at meetings of the Board of Directors or of the Executive Board.

The Company has established regulations for risk management and defined a Companywide risk management system. With respect to risk based on functions such as safety and hygiene, environmental management, information security, and security export controls, the relevant division in charge of those risks sets up committees or creates regulations for managing each of those risks across division boundaries and then appropriately manages them. A director or corporate officer of the Company has been placed in charge of CSR and risk management who monitors these risk management conditions in collaboration with the department responsible for internal audits and reports to the Board of Directors or the Executive Board.

Risk managers are assigned within each division at the headquarters, within each business unit, and at each plant. These risk managers ascertain the appropriateness of existing measures and work to eliminate everyday risks. In the case of critical risk situations, a crisis management headquarters is established to provide the appropriate response. In this way, we are responding to risks under both ordinary and extraordinary circumstances.

### 5. Ensuring efficient performance of duties

To ensure rapid decision-making and the flexible and efficient performance of management duties, the president has been made the chief executive officer, and directors have been put in charge of the performance of duties in key departments within headquarters and business units. Under their leadership and supervision, the corporate officers appointed by the Board of Directors perform the duties delegated to them. Moreover, the directors and corporate officers perform their duties integrated with risk management and also discuss, decide and report on important matters at the Board of Directors' meeting and the Executive Board.

At JSW, Companywide goals that are to be shared by directors, corporate officers and employees are established at the Board of Directors' meeting, which are incorporated in the Company's Medium-Term Management Plan and the business plans for each business unit. Each director and corporate officer develops specific measures for achieving these goals. A division of duties is undertaken in line with in-house regulations, and the specific measures are planned and implemented. Each director and corporate officer conducts a review of the results and provides periodic progress reports, as well as impromptu reports at meetings of the Board of Directors, the Executive Board and the Management Council. All members of the JSW management are working to ensure impartial personnel evaluations.

# 6. Ensuring appropriate management conduct at Group companies

The Company encourages its subsidiaries to follow its Vision, Management Philosophy and Corporate Code of Conduct, and also create their own systems of internal controls. In addition, the Company supports the autonomy of their management.

The Company has drafted regulations concerning the operation and management of its subsidiaries and has clarified the system of management responsibility and leadership for them. At the same time, the Company is creating a system whereby reports and notifications can be made regarding subsidiaries' decisions on important issues and other matters of concern, and data can be collected. However, as listed subsidiaries, the Company is careful to ensure a certain amount of management independence.

At JSW, directors and corporate auditors are assigned to JSW subsidiaries. Also, to ensure our subsidiaries' strict adherence to all laws and regulations, as well as in-house company regulations, we request that these companies conduct in-house audits, both periodic and spot audits, through the departments in charge of each subsidiary, and also by a department responsible for the internal auditing of subsidiaries. We will also directly audit operations and provide guidance for improving internal controls of subsidiaries.

 Appointing staff to assist corporate auditors, and ensuring the independence thereof The Company appoints staff from among its employees to assist the corporate auditors in the performance of their duties, upon request. The opinions of the auditors themselves are sought with respect to the appointment and dismissal of the said staff and all other personnel-related measures such as performance evaluation and bonuses, and no action is taken without the auditors' agreement, so as to ensure the independence of the auditors' assistants from the influence of the directors of the Company.

# 8. System for submission of reports to the auditors by the directors and employees of the Company

At JSW, corporate auditors attend the Board of Directors, the Executive Board, the Management Council, and other managerial meetings where important matters are discussed, decided and reported. Corporate auditors are guaranteed these opportunities.

In keeping with the ringi system, corporate auditors are also shown the records of management decision approval (*ringisho*) for their perusal. Moreover, the auditors may request reports from directors, corporate officers or employees at any time as they deem this necessary. The timing of these reports and the method to be used are agreed beforehand through discussions between the auditors and the directors, corporate officers or employees.

# 9. Ensuring effective performance of audits by the corporate auditors

We provide an environment in which directors, corporate officers and employees of the Company can recognize the importance and benefits of audits performed by corporate auditors, and can give the highest priority to cooperating with auditors in their duties as far as possible. The corporate auditors can request the collaboration and cooperation of the Company's Internal Audit Division, other head office divisions, and all other divisions of the Company in the performance of audits.

We provide an environment that ensures corporate auditors collaborate closely with accounting auditors and the Internal Audit Division.

We also provide an environment that allows corporate auditors to employ the services of legal advisors and other outside experts at their own discretion.

# 10. System for ensuring the reliability of financial reports

The Company follows basic internal control policies for financial reports and evaluates the effectiveness of internal controls for financial reports. The Board of Directors and the Executive Board discuss and report on the results of those evaluations.

# Policy Regarding Large-Scale Purchases of Company Shares

By resolution of a meeting of the Board of Directors of The Japan Steel Works, Ltd. held on September 10, 2007, the Company instituted a set of rules to be obeyed and procedures to be followed by any party seeking to make a tender offer for the purchase of the shares issued and outstanding of the Company. These rules and procedures were adopted under the name of Measures against Large-Scale Share Acquisitions (Measures to Prevent Takeover). Subsequent to this resolution, a partial amendment of these measures was presented at the Company's 82nd Regular General Meeting of Shareholders held on June 27, 2008, and the agenda item was approved and updated. After that, necessary amendments were made and then approved by shareholders at the Company's 85th Regular General Meeting of Shareholders held on June 24, 2011.

# **Environmental Policy**

JSW recognizes that as a responsible member of society it has an important duty to operate in harmony with the environment. We also engage in business with the aim of contributing to the sustainable development of society in harmony with the ecosystem through production activities that respect environmental integrity, and by developing environmental preservation technologies.

## Action plan

- 1. We aim to carry out environmental tasks in an organized way, and to implement environmental preservation activities continuously.
- 2. We will set appropriate objectives and targets for reducing the burden our activities impose on the environment with conserving biodiversity.
- 3. We aim to provide society with products and services that contribute to the preservation of the environment.
  - (1) We endeavor to increase our product's social value to in terms of environmental protection, safety and hygiene.
  - (2) We provide products and services to reduce environmental loads by obtaining a clear grasp of environmental needs and technical development.

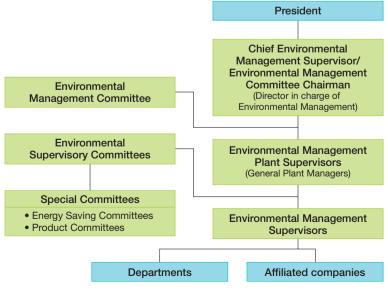
## Common policy for business facilities

Taking into consideration its business activities, the local community and the surrounding environment, each plant operates by setting out its own environmental policy, objectives and targets using methods compliant with international standards.

- 1. Respect laws and regulations and agreements we have concluded with external parties.
- 2. Prevent pollution and reduce and appropriately treat waste, to conserve the ecosystem.
- 3. Improve "resource productivity" through implementation of energy efficiency, resource efficiency, and recycling.
- 4. Inform employees and other companies residing within our facilities of our policies and require their cooperation.

# Environmental Management System

The Environmental Management Committee, headed by the Director in charge of Environmental Management, determines matters such as annual environmental management policies and programs of environmental activities for the whole company. Each plant has its own Environmental Supervisory Committee, which promotes environmental management activities and works hand in hand with other Group companies including affiliates to reduce the environmental impact of the Company's activities.



# Medium-Term Plan for Environmental Management Activities (Fiscal 2009–2012)

We are promoting environmental management activities at our Muroran, Hiroshima and Yokohama plants. Social awareness has changed greatly regarding the need to deal with such issues as the mitigation of global warming, saving energy, and processing waste.

We are working to attain the targets in our medium-term plan for environmental management activities covering the four years from fiscal 2009–2012. In fiscal 2009, the opening year of the plan, measures were taken at each plant to meet these targets.

With regard to the observance of laws and regulations, we implement environmental patrols at environmentalrelated facilities, plants, and other sites in the vicinity. We confirm that all environmental preservation-related laws and regulations are being observed, and that the environmental management system is functioning properly. To effectively communicate the results of the environmental patrols, we carry out employee training programs for affiliates and collaborating companies, as well as at our headquarter.

# **Environmental Preservation Activities**

The following section introduces some of JSW's wide range of environmental preservation activities.

### Reducing atmospheric emission of nickel compounds

At the Muroran Plant, we are working to ensure that atmospheric emission of nickel compounds are within prescribed standards by making the necessary revisions to operations, processes, and equipment, and through the introduction of new equipment.

Working together with the local municipal government since fiscal 2005, we have created our own voluntary controls, and have been undertaking various activities. In fiscal 2010, we started operation of a large scrap cutting facility in order to efficiently collect dust that is generated during cutting.

### Safety and disaster prevention activities

We regularly implement environmental patrols at each plant to verify management status and audit data relating to specific air- and water-related facilities, pretreatment facilities, oil-water separation tanks and other facilities.





### Community contributions

As part of our social contribution activities, we conduct a cleanup campaign along the main streets in the vicinity of our Yokohama Plant in April each year.

The cleanup campaign is conducted along roads between a nearest Station and our Yokohama Plant's main gate. Employees collect empty cans and pick up plastic bottles and cigarette butts. The trash is then separated and disposed of. We intend this to be an ongoing activity.



# Board of Directors, Corporate Auditors and Executive Officers

#### (as of June 24, 2011)

# **Board of Directors and Corporate Auditors**

Representative Director & President Ikuo Sato

**Representative Director & Executive Vice President** Hisao Iwashita

Representative Director & Senior Managing Executive Officer Atsushi lgarashi

# **Director, Senior Managing Executive Officers**

Nobuyuki Toda Yoshitomo Tanaka Etsuo Murai

**Director** Hiroo Suto (*Outside*)

### **Corporate Auditors**

Seiichi Uehara Yasunori Tanita Yasuhisa Naka (*Outside*) Akira Sato (*Outside*)

## **Executive Officers**

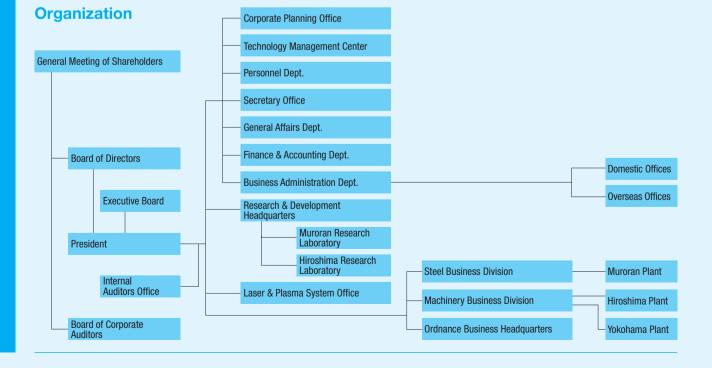
# Managing Executive Officers

Takao Ishido Tamotsu Hayakawa Yutaka Mizutani

Senior Executive Officers Akira Kadota Hiroshi Hamao

### **Executive Officers**

Nobuhisa Kobayashi Iku Kurihara Nobuaki Shimizu Hiroyuki Tokushige Shin-ichi Ono Yasuaki Nishiyama Hirohisa Matsuo Kazuo Kitamura



# **Financial Section**

THE JAPAN STEEL WORKS, LTD.

# **Six-Year Summary**

Years ended March 31

	Millions of Yen					
Consolidated	2011	2010	2009	2008	2007	2006
Net sales	¥212,929	¥201,680	¥227,113	¥220,851	¥207,138	¥173,353
Net income	16,532	17,528	16,034	17,484	12,515	6,586
Total assets	339,263	322,986	296,909	262,453	232,444	196,656
Total net assets	120,820	111,149	90,125	85,231	75,621	66,039
Amounts per share (yen):						
Net income	¥44.54	¥47.22	¥43.19	¥47.10	¥33.71	¥17.57
			Million	s of Yen		
Non-Consolidated	2011	2010	2009	2008	2007	2006
Net sales	¥179,325	¥175,333	¥196,030	¥189,318	¥177,493	¥145,555
Net income	14,527	16,665	15,449	15,878	12,233	6,026
Total assets	316,176	298,783	277,301	243,433	215,693	180,734
Total net assets	109,734	101,615	82,449	77,958	69,907	60,602

Total assets	316,176	298,783	277,301	243,433	215,693	180,734
Total net assets	109,734	101,615	82,449	77,958	69,907	60,602
Amounts per share (yen):						
Net income	¥39.14	¥44.90	¥41.62	¥42.77	¥32.95	¥16.07
Cash dividends applicable to						
the year	¥12.00	¥12.00	¥12.00	¥12.00	¥9.00	¥5.00

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# **Financial Performance (Consolidated)**

# **Operating Results**

### Net Sales

Net sales increased ¥11,249 million, or 5.6%, year on year, to ¥212,929 million (US\$2,560 million) in the reporting period. This was due to an increase in the Industrial Machinery Products Business.

### **Operating Income**

Operating income declined \$3,690 million, or 11.5%, to \$28,495 million (US\$342 million). This decrease was mainly attributable to a more efficient balance between inventory turnover and notes and accounts receivable as a measure to strengthen our financial position, as well as to aggressive cost-cutting including improved variable costs and further reductions in fixed costs as efforts to lower the break-even point, both of which were more than offset by the appreciation of the yen, lower product

**Cash Flows** 

Cash and cash equivalents stood at ¥41,116 million (US\$494 million) at the reporting term-end, down ¥4,486 million year on year after adjusting noncash items. This was attributable to increases in capital investments for the enhancement of production efficiency as well as in working capital, which outweighed the posting of income before income taxes and minority interests in the amount of ¥27,923 million, compared price as a result of intensified competition, as well as increased depreciation and amortization.

### Net Income

Net income decreased ¥996 million, or 5.7%, to ¥16,532 million (US\$198 million).

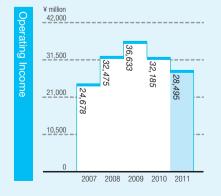
### **Geographical Information**

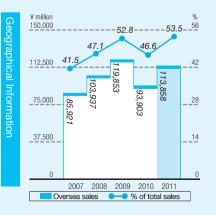
Sales in Japan came to ¥99,070 million (US\$1,191 million), and sales in China and South Korea were ¥29,836 million (US\$358 million) and ¥21,810 million (US\$262 million) respectively. Sales in North America were ¥10,248 million (US\$123 million), while sales in other regions were ¥51,963 million (US\$624 million).

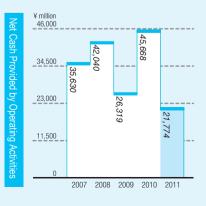
with ¥29,603 million for the previous term, in addition to depreciation and amortization, which is a noncash item, as well as proceeds from long-term debt.

## Cash Flow from Operating Activities

Net cash provided by operating activities amounted to ¥21,774 million (US\$261 million), compared with ¥45,668 million in the previous term. This was mainly







due to the posting of ¥27,923 million in income before income taxes and minority interests, as well as depreciation and amortization in the amount of ¥20,003 million, which was not a physical cash outflow, and an increase in working capital and other factors.

### Cash Flow from Investing Activities

Net cash used in investing activities amounted to ¥28,238 million (US\$339 million), compared with ¥37,287 million for the previous term. This was due mainly to an investment

## **Financial Position**

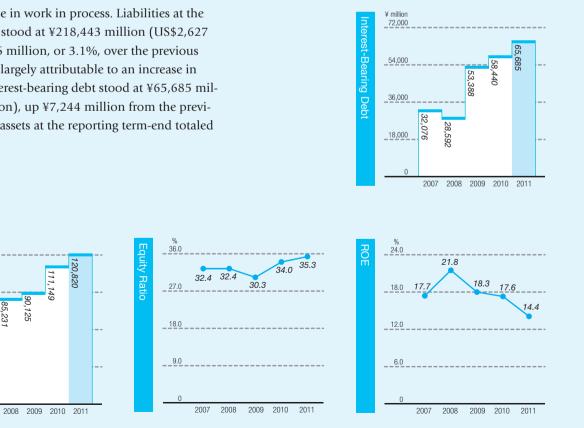
Total assets as of the end of March 2011 stood at ¥339,263 million (US\$4,080 million), up ¥16,277 million, or 5.0%, from the previous term-end. This was due to an increase in noncurrent assets from the acquisition of such property, plant and equipment as buildings and structures as well as machinery and transport equipment as a result of capital expenditures, mainly in the Steel and Energy Products Business, in addition to an increase in current assets owing to an increase in work in process. Liabilities at the reporting term-end stood at ¥218,443 million (US\$2,627 million), up ¥6,606 million, or 3.1%, over the previous term-end. This was largely attributable to an increase in long-term debt. Interest-bearing debt stood at ¥65,685 million (US\$789 million), up ¥7,244 million from the previous fiscal year. Net assets at the reporting term-end totaled

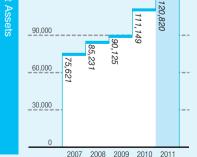
of ¥27,626 million in increase in tangible and intangible assets for the purpose of raising production efficiency.

#### **Cash Flow from Financing Activities**

Net cash provided by financing activities amounted to ¥2,116 million (US\$25 million) compared with a net cash outflow of ¥2,687 million for the previous term. This net cash inflow resulted from an inflow of ¥10,420 million from long-term debt, which exceeded an outflow of ¥4,454 million in cash dividend paid.

¥120,820 million (US\$1,453 million), for an increase of ¥9,671 million, or 8.7%, over the previous term-end.





¥ million

120,000



# Consolidated Balance Sheets March 31, 2011 and 2010

	Millions	of Yen	Thousands of U.S. Dollars (Note 3)
ASSETS	2011	2010	2011
Current assets:			
Cash on hand and in banks (Notes 8, 15 and 17)	¥ 41,187	¥ 45,646	\$ 495,334
Notes and accounts receivable:	,	1 10,010	+,
Unconsolidated subsidiaries and affiliates	1,251	708	15,045
Trade (Notes 8 and 17)	43,998	41,734	529,140
Other	1,608	1,228	19,339
Less allowance for doubtful accounts	(208)	(281)	(2,502)
Inventories (Note 4)	82,241	69,627	989,068
Deferred tax assets (Note 21)	6,852	4,206	82,405
Other current assets	8,535	8,648	102,646
Total current assets	185,467	171,518	2,230,511
Property, plant and equipment, at cost (Notes 5, 6 and 8):			
Land	11,381	11,448	136,873
Buildings and structures	96,665	84,634	1,162,538
Machinery and equipment	139,417	119,904	1,676,693
Leased assets	8,339	8,551	100,289
Construction in progress	2,631	11,564	31,642
	258,434	236,102	3,108,046
Less accumulated depreciation	(140,893)	(124,936)	(1,694,444)
Property, plant and equipment, net	117,540	111,166	1,413,590
Intensible coosts	1 005	1 006	10.097
Intangible assets	1,005	1,236	12,087
	1,005	1,236	12,087
	1,005 875	1,236 737	12,087 10,523
Investments, long-term loans and other assets:			
Investments, long-term loans and other assets: Investments in unconsolidated subsidiaries and affiliates	875	737	10,523
Investments, long-term loans and other assets: Investments in unconsolidated subsidiaries and affiliates Investment securities (Notes 17 and 18)	875 27,613	737 31,710	10,523 332,087
Investments, long-term loans and other assets: Investments in unconsolidated subsidiaries and affiliates Investment securities (Notes 17 and 18) Other long-term loans receivable	875 27,613 111	737 31,710 61	10,523 332,087 1,335
Investments, long-term loans and other assets: Investments in unconsolidated subsidiaries and affiliates Investment securities (Notes 17 and 18) Other long-term loans receivable Deferred tax assets (Note 21)	875 27,613 111 2,075	737 31,710 61 1,934	10,523 332,087 1,335 24,955
Investments, long-term loans and other assets: Investments in unconsolidated subsidiaries and affiliates Investment securities (Notes 17 and 18) Other long-term loans receivable Deferred tax assets (Note 21) Other assets	875 27,613 111 2,075 4,772	737 31,710 61 1,934 5,036	10,523 332,087 1,335 24,955 57,390

	Millions	s of Yen	Thousands of U.S. Dollars (Note 3)	
LIABILITIES AND NET ASSETS	2011	2010	2011	
Current liabilities:		1		
Short-term borrowings (Notes 8 and 17)	¥ 13,120	¥ 13,722	\$ 157,787	
Current portion of long-term debt (Notes 8 and 17)	2,435	12,694	29,284	
Notes and accounts payable:	2,100	12,001	20,201	
Unconsolidated subsidiaries and affiliates	81	34	974	
Trade (Note 17)	44,932	36,197	540,373	
Other	6,384	7,556	76,777	
Advances received for products	31,024	42,131	373,109	
Accrued income taxes (Note 21)	7,979	6,436	95,959	
Other current liabilities (Note 8)	27,600	23,965	331,930	
Total current liabilities	133,558	142,738	1,606,230	
	155,556	142,700	1,000,230	
Long-term liabilities:				
Long-term debt (Notes 8 and 17)	50,130	32,025	602,886	
Accrued retirement benefits (Note 20):				
For employees	9,339	8,520	112,315	
For directors and corporate auditors	199	161	2,393	
Deferred tax liabilities (Note 21)	1,720	2,661	20,686	
Other long-term liabilities (Note 8)	23,494	25,730	282,550	
Total long-term liabilities	84,884	69,098	1,020,854	
Net assets:				
Shareholders' equity (Note 14)				
Common stock:				
Authorized – 1,000,000,000 shares				
Issued — 371,463,036 shares	19,694	19,694	236,849	
Capital surplus	5,426	5,425	65,256	
Retained earnings	94,779	82,701	1,139,856	
Treasury stock, at cost (299,234 shares in 2011 and		,		
287,708 shares in 2010)	(224)	(213)	(2,694)	
Total shareholders' equity	119,676	107,607	1,439,278	
Accumulated other comprehensive income:				
Unrealized holding gain (loss) on securities	687	2,949	8,262	
Unrealized gain (loss) from hedging instruments	102	(213)	1,227	
Translation adjustments	(586)	(425)	(7,048)	
Total accumulated other comprehensive income	203	2,310	2,441	
Minority interests	940	1,231	11,305	
Total net assets	120,820	111,149	1,453,037	
Total liabilities and net assets	¥339,263	¥322,986	\$4,080,132	
	+000,200	+022,300	φ-,000,102	

# Consolidated Statements of Income For the years ended March 31, 2011 and 2010

	Millions of Yen		Thousands of U.S. Dollars (Note 3)		
	2011	2010	2011		
Net sales	¥212,929	¥201,680	\$2,560,782		
Cost of sales (Note 10)	155,433	143,708	1,869,308		
Gross profit	57,496	57,971	691,473		
Selling, general and administrative expenses (Note 10)	29,000	25,786	348,767		
Operating income	28,495	32,185	342,694		
Other income (expenses):					
Interest and dividend income	484	445	5,821		
Interest expense	(739)	(694)	(8,888)		
Other, net (Note 11)	(316)	(2,333)	(3,800)		
	(571)	(2,582)	(6,867)		
Income before income taxes and minority interests	27,923	29,603	335,815		
Current	14,075	12,142	169,272		
Deferred	(2,396)	(89)	(28,815)		
Income before minority interests	16,244	_	195,358		
Minority interests in net income (loss) of consolidated subsidiaries	(287)	22	(3,452)		
Net income (Note 26)	¥ 16,532	¥ 17,528	\$ 198,821		

# Consolidated Statements of Comprehensive Income For the years ended March 31, 2011 and 2010

	Millions of Yen		Thousands of U.S. Dollars (Note 3)
	2011	2010	2011
Income before minority interests	¥16,244	¥—	\$195,358
Other comprehensive income:			
Unrealized holding gain (loss) on securities	(2,261)	_	(27,192)
Unrealized gain (loss) from hedging instruments	315	_	3,788
Translation adjustments	(161)	_	(1,936)
Total other comprehensive income (Note 13)	(2,107)	_	(25,340)
Comprehensive income	¥14,137	¥—	\$170,018
Total comprehensive income attributable to:			
Shareholders of The Japan Steel Works, Ltd	¥14,426	_	\$173,494
Minority interests	¥ (288)	¥—	\$ (3,464)

# THE JAPAN STEEL WORKS, LTD. AND CONSOLIDATED SUBSIDIARIES Consolidated Statements of Changes in Net Assets For the years ended March 31, 2011 and 2010

	Million	s of Yen		Thousands of U.S. Dollars (Note 3)			Millions	of	Yen	U	ousands of .S. Dollars (Note 3)
	2011	2010	)	2011		2	011	2	2010		2011
Common stock: Balance at beginning of year	¥ 19,694	,		6 236,849	Unrealized gain (loss) from hedging instruments:	v	(213)	V	(270)	¢	(2,562)
Balance at end of year	¥ 19,694	¥ 19,6	94	5 236,849	Balance at beginning of year	¥	(213)	Ŧ	(379)	\$	(2,502)
Capital surplus:					Net changes in items other than those in shareholders' equity		315		165		3,788
Balance at beginning of year	¥ 5,425			· ·	Balance at end of year	¥	102	¥	(213)	\$	1,227
Disposal of treasury stock	0	-	1	0	Translation adjustments:				( )		
Balance at end of year	¥ 5,426	¥ 5,4	25	65,256	Balance at beginning of year	¥	(425)	¥	(435)	\$	(5,111)
Retained earnings: Balance at beginning of year	¥ 82,701			§ 994,600	Net changes in items other than those in shareholders' equity		(160)		9		(1,924)
Cash dividends paid	(4,454		,	(53,566)	Balance at end of year	¥	(586)	¥	(425)	\$	(7,048)
Net income	16,532	,		198,821	Total accumulated other						
Balance at end of year	¥ 94,779	¥ 82,7	01	51,139,856	comprehensive income:						
Treasury stock, at cost:					Balance at beginning of year	¥	2,310	¥	(4,683)	\$	27,781
Balance at beginning of year	-		82)		Net changes in items other than		(0 106)		6.004		(05 200)
Purchases of treasury stock	(12	-	32)	(144)	those in shareholders' equity	¥	(2,106)	V	6,994 2,310	\$	(25,328) 2,441
Disposal of treasury stock	2		1	24	Balance at end of year	<b></b>	203	Ŧ	2,310	<b>\$</b>	2,441
Balance at end of year	¥ (224	)¥ (2	13)	6 (2,694)	Minority interests:	v	4 004	V	0.40	*	14.005
Total shareholders' equity:					Balance at beginning of year	¥	1,231	Ŧ	246	\$	14,805
Balance at beginning of year	¥107,607	,		51,294,131	Net changes in items other than those in shareholders' equity		(290)		984		(3,488)
Cash dividends paid	(4,454		,	(53,566)	Balance at end of year	¥	940	¥	1,231	\$	11,305
Net income	16,532			198,821	Total net assets:	<u> </u>			.,201	<b>—</b>	,
Purchases of treasury stock	(12	-	32)	(144)	Balance at beginning of year	¥1	11,149	¥	90 125	\$1	,336,729
Disposal of treasury stock	3		3	36	Cash dividends paid		(4,454)		(4,454)	Ŷ.	(53,566)
Balance at end of year	¥119,676	¥107,6	07	51,439,278	Net income		16,532		17,528		198,821
Unrealized holding gain (loss) on securities:					Purchases of treasury stock		(12)		(32)		(144)
Balance at beginning of year	¥ 2,949	¥ (3,8	68) 💲	35,466	Disposal of treasury stock		3		3		36
Net changes in items other than those in shareholders' equity	(2,261	<b>)</b> 6,8	18	(27,192)	Net changes in items other than those in shareholders' equity		(2,397)		7,979		(28,827)
Balance at end of year	¥ 687	¥ 2,9	49	8,262	Balance at end of year	¥1:	20,820	¥1	11,149	\$1	,453,037

The accompanying notes are an integral part of these statements.

# Consolidated Statements of Cash Flows For the years ended March 31, 2011 and 2010

	Millions of Yen		Thousands of U.S. Dollars (Note 3)	
	2011	2010	2011	
Operating activities:				
Income before income taxes and minority interests	¥27,923	¥29,603	\$335,815	
Depreciation and amortization	20,021	14,512	240,782	
	197	14,012	-	
Impairment loss		(1 1 F)	2,369	
Interest and dividend income	(484)	(445)	(5,821)	
Interest expense	739	693	8,888	
Bond issuance expenses	50		601	
Equity in (earnings) losses of affiliates	0	(1)	0	
Loss on abandonment of investments	_	680	_	
Loss on write-downs of investment securities	340	105	4,089	
Amortization of net retirement benefit obligation at transition	—	765	-	
Loss on disposal of tangible and intangible assets	481	847	5,785	
Gain and loss on sales of property, plant and equipment	(15)	(11)	(180)	
Loss on adjustment for change in accounting principal for	( )	~ /	. ,	
asset retirement obligations	236	_	2,838	
Changes in operating assets and liabilities:	200		2,000	
Trade assets (Note 20)	(16,489)	8,672	(198,304)	
Trade liabilities	11,255	(7,708)	135,358	
Inventories (Note 4)	(12,614)	4,957	(151,702)	
Other	2,897	3,012	34,841	
Subtotal	34,539	55,683	415,382	
Interest and dividends received	487	447	5,857	
Interest paid	(725)	(698)	(8,719)	
Income taxes paid	(12,527)	(9,763)	(150,655)	
Net cash provided by operating activities	21,774	45,668	261,864	
Investing activities:		,	,	
Increase in tangible and intangible assets	(27,626)	(35,892)	(332,243)	
Decrease in tangible and intangible assets	157	20	1,888	
Purchases of investment securities	(41)	(1,673)	(493)	
Proceeds from sales of investment securities	(+1)	19	(430)	
	-		•	
Reimbursement of long-term deposits on contracts	(487)	(436)	(5,857)	
(Increase) decrease in short-term loans receivable	2	(1)	24	
Long-term loans receivable made	(56)		(673)	
Purchase of investment of unconsolidated subsidiaries	(174)	(35)	(2,093)	
Purchase of investments in subsidiaries resulting in				
change in scope of consolidation	_	754	_	
Purchases of common stock of affiliates	—	(3)	-	
Other	(12)	(38)	(144)	
Net cash used in investing activities	(28,238)	(37,287)	(339,603)	
Financing activities (Notes 8 and 17):				
Net increase (decrease) in short-term borrowings	(602)	5,467	(7,240)	
Increase in long-term debt	10,420	900	125,316	
Decrease in long-term debt	(1,087)	(2,322)	(13,073)	
Proceeds from issuance of bonds	9,949	(2,022)		
			119,651	
Redemption of bonds	(10,000)		(120,265)	
Cash dividend paid	(4,454)	(4,454)	(53,566)	
Acquisition of treasury stock	(12)	(32)	(144)	
Proceeds from sales of treasury stock	3	3	36	
Repayments of finance lease obligations	(2,097)	(2,241)	(25,219)	
Other	(2)	(6)	(24)	
Net cash provided by (used in) financing activities	2,116	(2,687)	25,448	
Effect of exchange rate changes on cash and cash equivalents	(138)	5	(1,660)	
(Decrease) increase in cash and cash equivalents	(4,486)	5,698	(53,951)	
Cash and cash equivalents at beginning of the year	45,603	39,904	548,443	
	¥41,116	30,001	0.0,110	

# the JAPAN STEEL WORKS, LTD. AND CONSOLIDATED SUBSIDIARIES Notes to Consolidated Financial Statements

#### 1. Basis of Presentation

The Japan Steel Works, Ltd. (the "Company") and its domestic subsidiaries maintain their books of account in conformity with the financial accounting standards of Japan, and its foreign subsidiaries maintain their books of account in conformity with those of their respective countries of domicile.

The accompanying consolidated financial statements have been prepared in accordance with accounting principles generally accepted in Japan, which are different in certain respects as to the application and disclosure requirements of IFRS, and have been compiled from the consolidated financial statements prepared by the Company as required by the Financial Instruments and Exchange Law of Japan.

As permitted by the Financial Instruments and Exchange Law of Japan, amounts of less than one million yen have been omitted. As a result, the totals shown in the accompanying consolidated financial statements (both in yen and in U.S. dollars) do not necessarily agree with the sums of the individual amounts.

Certain amounts in the prior year's consolidated financial statements have been reclassified to conform to the current year's presentation.

# 2. Summary of Significant Accounting Policies(a) Principles of consolidation and accounting for investments in unconsolidated subsidiaries and affiliates

The accompanying consolidated financial statements include the accounts of the Company and any significant companies (collectively, the "Companies") controlled directly or indirectly by the Company.

Companies over which the Company exercises significant influence in terms of their operating and financial policies have been accounted for by the equity method. All significant intercompany balances and transactions have been eliminated in consolidation.

As of March 31, 2011, the numbers of consolidated subsidiaries, and subsidiaries and affiliates accounted for by the equity method were 37 and 1 (37 and 1 in 2010), respectively. Effective March 31, 2010, Meiki Co., Ltd. was included in the scope of consolidation because the Company's ownership increased to 50.96%.

Certain foreign subsidiaries are consolidated on the basis of fiscal periods ended December 31, and one domestic subsidiary's year end is January 31, both of which differ from that of the Company. However, the necessary adjustments have been made if the effect of the difference is material.

Investments in subsidiaries and affiliates which are neither consolidated nor accounted for by the equity method are carried at cost or less. Where there has been a permanent decline in the value of such investments, the Company has written them down.

Differences between the cost and the underlying net equity at fair value of investments in consolidated subsidiaries and in companies accounted for by the equity method have been amortized by the straight-line method over five years after acquisition and are included in selling, general and administrative expenses.

#### (b) Foreign currency translation

The balance sheet accounts of the foreign consolidated subsidiaries are translated into yen at the rates of exchange in effect at the balance sheet date, except for the components of net assets excluding minority interests which are translated at their historical exchange rates. Revenue and expense accounts are translated at the average rates of exchange in effect during the year. Differences arising from the translation are presented as translation adjustments and minority interests in the consolidated financial statements.

Revenue and expense items arising from transactions denominated

in foreign currencies are generally translated into yen at the rates of exchange in effect at the respective transaction dates.

All monetary assets and liabilities denominated in foreign currencies are translated into yen at the rates of exchange in effect at the balance sheet date and differences arising from the translation are included in the consolidated statements of income.

### (c) Cash equivalents

Short-term investments with a maturity of three months or less when purchased which can easily be converted to cash and are subject to little risk of change in value are considered to be cash equivalents.

#### (d) Inventories

Real estate held for sale, finished products and work in process are stated the lower of or net realizable value at cost determined principally by the specific identification method. Raw materials are stated at the lower of cost or replacement cost determined principally by the moving average method.

#### (e) Short-term investments and investment securities

Securities other than equity securities issued by subsidiaries and affiliates are classified into two categories: held-to-maturity or other securities.

Held-to-maturity securities are carried at amortized cost. Marketable securities classified as other securities are carried at fair value with changes in unrealized holding gain or loss, net of the applicable income taxes, included directly in net assets. Non-marketable securities classified as other securities are carried at cost. Cost of securities sold is determined by the moving average method.

#### (f) Allowance for doubtful accounts

The allowance for doubtful accounts is provided for possible bad debts at an amount estimated based on the historical experience with bad debts on normal receivables plus an additional allowance for specific uncollectible amounts determined by reference to the collectability of individual doubtful accounts.

### (g) Provision for warranties for completed construction

The Company provides a provision for warranties for completed construction by estimating losses on future possible claims.

#### (h) Provision for loss on construction contracts

The Company provides a provision for loss on construction contracts, which has not been delivered by the fiscal year end, by estimating the amount of total losses anticipated in the following fiscal year and thereafter to be incurred, when the amounts that can be reasonably estimated.

#### (i) Property, plant and equipment and depreciation

Property, plant and equipment is stated on the basis of cost. Depreciation of property, plant and equipment is determined by the declining-balance method over the estimated useful lives of the respective assets, except that the straight-line method is applied to buildings.

Significant renewals and additions are capitalized at cost. Maintenance and repairs are charged to income as incurred.

#### (j) Bond issuance expenses

Bond issuance expenses are charged to income as incurred.

#### (k) Leases and depreciation

Finance lease transactions which do not stipulate the transfer of

ownership of the leased assets to the lessee are accounted for as sales and purchase transactions.

With regard to the depreciation method of leased assets, the straight-line method is applied using the lease period as the estimated useful life and a residual value of zero.

#### (I) Retirement benefits

An employee whose employment is terminated is entitled, in most cases, to a lump-sum severance payment determined by reference to the current basic rate of pay, length of service and the conditions under which the termination occurs.

Accrued retirement benefits for employees at March 31, 2011 and 2010 have been provided primarily at an amount calculated based on the retirement benefit obligation and the fair value of the pension plan assets at the balance sheet dates, as adjusted for the unrecognized net retirement benefit obligation at transition, prior service cost and unrecognized actuarial gain or loss. The retirement benefit obligation is attributed to each period by the straight-line method over the estimated years of service of the eligible employees. The net retirement benefit obligation at transition is being amortized principally over a period of ten years by the straight-line method.

Prior service cost is being amortized as incurred by the straight-line method over ten years, which is shorter than the average remaining years of service of the eligible employees.

Actuarial gain or loss is amortized in the year following the year in which the gain or loss is recognized by the straight-line method over ten years, which is shorter than the average remaining years of service of the employees participating in the plans.

Effective the year ended March 31, 2010, the Company and its domestic subsidiaries adopted the "Partial Amendments to Accounting Standard for Retirement Benefits (Part 3)" (ASBJ Statement No. 19, July 31, 2008).

The effects of this change on operating income, income before income taxes and minority interests were not material for the year ended March 31, 2010.

#### (m) Income taxes

Deferred tax assets and liabilities have been recognized in the consolidated balance sheets at March 31, 2011 and 2010 with respect to the differences between financial reporting and the tax bases of the assets and liabilities, and are measured using the enacted tax rates and laws which will be in effect when the differences are expected to reverse.

#### (n) Research and development expenses

Research and development expenses are charged to income when incurred.

### (o) Revenue and cost recognition

Revenues are generally recognized on sales of products at the time of shipment.

Effective April 1, 2009, revenues and costs, of which the percentage of completion can be reliably estimated, are recognized by the percentage-of-completion method. The percentage of completion is calculated at the cost incurred as a percentage of the estimated total cost. The completed-contract method continues to be applied to contracts for which the percentage of completion cannot be reliably estimated.

For construction contracts effective from the year ended March 31, 2010, the Company and its domestic subsidiaries apply the "Accounting Standard for Construction Contracts" (ASBJ Statement No. 15, December 27, 2007) and the "Implementation Guidance of

Accounting Standard for Construction Contracts" (ASBJ Guidance No. 18, December 27, 2007). Construction for which the percentage of completion can be reliably estimated is recognized by the percentageof-completion method, and all other construction is recognized by the completed-contract method.

The effects of this change on operating income, income before income taxes and minority interests were not material for the year ended March 31, 2010.

### (p) Derivative financial instruments

Derivative financial instruments are carried at fair value. Gain or loss on derivatives designated as hedging instruments is deferred as a component of net assets until the loss or gain on the underlying hedged items is recognized. Foreign currency receivables and payables are translated at the applicable forward foreign exchange rates if certain conditions are met. In addition, the related interest differential paid or received under interest-rate swaps utilized as hedging instruments is recognized over the terms of the swap agreements as an adjustment to the interest expense of the underlying hedged items if certain conditions are met.

#### (q) Consumption tax

Accounting treatment of consumption tax is the tax exclusion method.

#### (r) Provision for directors' bonuses

Provision for directors' bonuses is provided based on estimated amounts to be paid in the subsequent period applicable to the current period.

#### (s) Provision for directors' retirement benefits

Provision for directors' retirement benefits is provided based on estimated amounts determined by internal rules.

# (t) Adoption of accounting standard for asset retirement obligations

Effective the year ended March 31, 2011, the Company and its domestic consolidated subsidiaries adopted the "Accounting Standard for Asset Retirement Obligations" (ASBJ Statement No. 18, March 31, 2008) and the "Implementation Guidance of Accounting Standard for Asset Retirement Obligations" (ASBJ Guidance No. 21, March 31, 2008).

Operating income decreased by ¥33 million (\$397 thousand) and income before income taxes and minority interests decreased by ¥269 million (\$3,235 thousand) as a result of the adoption of this standard.

#### (u) Changes in presentation

Effective from fiscal year 2011, "Accounting Standard for Consolidated Financial Statements" (ASBJ Statement No. 22 issued on December 26, 2008) and "Cabinet Office Ordinance for Partial Amendment of the Regulation for Terminology, Forms and Preparation of Consolidated Financial Statements" (Cabinet Office Ordinance No. 5 issued on March 24, 2009) have been applied. As a consequence, a new line item has been presented on the consolidated statements of income as "income before minority interests."

#### 3. U.S. Dollar Amounts

The translation of yen amounts into U.S. dollars is included solely for convenience, as a matter of arithmetic computation only, at \$83.15 = U.S.\$1.00, the approximate rate of exchange prevailing on March 31, 2011. This translation should not be construed as a representation that all amounts shown could be converted into U.S. dollars at such rate.

#### 4. Inventories

Inventories at March 31, 2011 and 2010 consisted of the following:

	Millions	of Yen	Thousands of U.S. Dollars
	2011	2010	2011
Real estate held for sale	¥ 21	¥ 33	\$ 253
Finished products	1,161	1,370	13,963
Work in process	75,008	62,187	902,081
Raw materials and supplies	6,050	6,036	72,760
Total	¥82,241	¥69,627	\$989,068

Work in process related to construction contracts of which a loss is anticipated to be incurred was offset with a provision for loss on construction contracts of ¥1,257 million (\$15,117 thousand) at March 31, 2011 and ¥353 million at March 31, 2010.

#### 5. Depreciation

Depreciation expense on property, plant and equipment for the years ended March 31, 2011 and 2010 was as follows:

	Millions	s of Yen	Thousands of U.S. Dollars
	2011	2010	2011
Depreciation expense	¥20,003	¥14,422	\$240,565

### 6. Advanced Depreciation

Accumulated advanced depreciation related to government grants received has been deducted directly from the acquisition costs of certain tangible fixed assets (plant, machinery and equipment). Such accumulated depreciation at March 31, 2011 and 2010 is summarized as follows:

	Millions of Yen		Thousands of U.S. Dollars
	2011	2010	2011
Accumulated advanced depreciation expense	¥1,301	¥951	\$15,646

#### 7. Contingent Liabilities

Contingent liabilities at March 31, 2011 and 2010 consisted of the following:

	Millions of Yen		Thousands of U.S. Dollars	
	2011	2010	2011	
As endorsers of trade notes receivable:				
Endorsed to other	¥ 78	¥ 72	\$ 938	
As guarantors of loans:				
Muroran Environmental Plant				
Service Co., Ltd	588	591	7,072	
Gotsu Wind Power Co., Ltd	1,757	1,881	21,130	
Meiko Co., Ltd	1	4	12	
Uncollected receivables in				
leasing companies	32	64	385	
Medical Corporation Bokoi	_	1,500	_	
Employees and other	498	633	5,989	
Total	¥2,956	¥4,746	\$35,550	

#### 8. Short-Term Borrowings and Long-Term Debt

All short-term borrowings, with interest at annual rates ranging from 0.64% to 1.975% at March 31, 2011 and 0.63% to 4.625% at March 31, 2010, were unsecured.

Long-term debt at March 31, 2011 and 2010 was as follows:

	Millions of Yen		Thousands of U.S. Dollars
	2011	2010	2011
Loans from banks and			
insurance companies with			
interest at annual rates ranging			
from 0.22% to 2.26%	¥38,170	¥28,837	\$459,050
Less those maturing within			
one year	(635)	(667)	(7,637)
Lease obligations	4,396	5,882	52,868
Less those maturing within			
one year	(1,800)	(2,026)	(21,648)
0.92% straight bonds,			
due 2010	-	10,000	_
Less those maturing within			
one year	-	(10,000)	-
0.48% straight bonds,			
due 2015	10,000		120,265
Long-term indebtedness			
reflected in the consolidated			
balance sheets	¥50,130	¥32,025	\$602,886

The aggregate annual maturities of long-term debt and lease obligations subsequent to March 31, 2011 are summarized as follows:

	Long-te	erm debt	Lease o	bligations
Year ending March 31,	Millions of Yen	Thousands of U.S. Dollars	Millions of Yen	Thousands of U.S. Dollars
2012	¥ 635	\$ 7,637	¥1,800	\$21,648
2013	13,670	164,402	1,384	16,645
2014	10,370	124,714	645	7,757
2015	2,550	30,667	345	4,149
2016	10,830	130,247	145	1,744
2017 and thereafter	115	1,383	74	890

The assets pledged as collateral for long-term debt at March 31, 2011 and 2010 were as follows:

	Millions of Yen		Thousands of U.S. Dollars	
	<b>2011</b> 2010		2011	
Cash on hand and in banks	¥ 28	¥ 206	\$ 337	
Notes receivable-trade	_	102	-	
Property, plant and equipment, at net book value	2,563	4,533	30,824	

#### 9. Liquidation of Accounts Receivable

Accounts receivable transferred to others for liquidation at March 31, 2011 and 2010 are summarized as follows:

	Millions of Yen		Thousands of U.S. Dollars
	2011	2010	2011
Accounts receivable	¥6,017	¥5,933	\$72,363

#### 10. Research and Development Expenses

Research and development expenses included in manufacturing costs, and selling, general and administrative expenses for the years ended March 31, 2011 and 2010 were as follows:

	Millions of Yen		Thousands of U.S. Dollars	
	2011	2010	2011	
Research and development expenses	¥4,487	¥4,141	\$53,963	

#### 11. Other Income (Expenses) - Other, Net

The details of "Other, net" in "Other income (expenses)" for the years ended March 31, 2011 and 2010 were as follows:

	Millions	s of Yen	Thousands of U.S. Dollars
	2011	2010	2011
Gain on sales of raw			
materials and supplies	¥ 308	¥ 214	\$ 3,704
Gain on contract cancellation	1,073	_	12,904
Amortization of negative			
goodwill	71	-	854
Bond issuance expenses	(50)	—	(601)
Amortization of net			
retirement benefit obligation at			
transition	-	(693)	-
Foreign exchange losses	(308)	-	(3,704)
Provision for warranties for			
completed construction	(620)	(338)	(7,456)
Gain on sales of property,			
plant and equipment	16	12	192
Loss on sales or disposal of			
property, plant and	(400)	(0.47)	(5 303)
equipment	(482)	(847)	(5,797)
Loss on write-downs of investment securities	(240)	(105)	(4.090)
Impairment loss	(340) (197)	(105)	(4,089) (2,369)
Loss on abandonment of	(197)	_	(2,309)
investments	_	(680)	_
Loss on adjustment for change		(000)	
in accounting principal for			
asset retirement obligations	(236)	_	(2,838)
Other, net	448	105	5,388
Total	¥ (316)	¥(2,333)	\$ (3,800)

#### 12. Loss on Impairment of Fixed Assets

Loss on impairment of fixed assets recognized by the Company and a certain consolidated subsidiary for the year ended March 31, 2011 was as follows:

Location	Use	Classification
Chofu-shi, Tokyo prefecture and other	Idle Assets	Buildings, Structures, Land and other
Yokohama-shi, Kanagawa prefecture and other (a subsidiary engaged in the Industrial Machinery Products)	Operating Assets	Buildings and Land

The Company and its consolidated subsidiaries group their assets by classifying them into the smallest independent cash flow generating units possible on the basis of managerial accounting, whereas idle assets are grouped on an individual basis.

Regarding the above assets, the Companies marked down the book value of asset groups where there had been a significant decline in profitability and market price to the recoverable amount.

The resulting impairment loss for the year ended March 31, 2011 was as follows:

Classification	Millions of Yen	Thousands of U.S. Dollars
Buildings	¥146	\$1,756
Structures	0	0
Equipment	0	0
Land	50	601
Total	¥197	\$2,369

With respect to operating assets, the Companies principally use value in use for calculating the recoverable amount, whereas idle assets are recorded at net realizable value. The discount rate used for computing the value in use was mainly 6.6% for the year ended March 31, 2011.

#### 13. Other Comprehensive Income

The following table presents components of other comprehensive income for the year ended March 31, 2010:

Year ended March 31, 2010

	Millions of Yen	Thousands of U.S. Dollars
Unrealized holding gain (loss)		
on securities	¥ 6,818	\$ 81,996
Unrealized gain (loss) from		
hedging instruments	165	1,984
Translation adjustments	11	132
Total other comprehensive		
income	¥ 6,995	\$ 84,125
Total comprehensive income		
attributable to:		
Shareholders of The Japan		
Steel Works, Ltd	¥24,522	\$294,913
Minority interests	23	277

(Additional Information)

Effective the year ended March 31, 2011, the Company and its domestic consolidated subsidiaries adopted the "Accounting Standard for Presentation of Comprehensive Income" (ASBJ Statement No. 25, June 30, 2010).

However, the amounts of accumulated other comprehensive income and total accumulated other comprehensive income in the accompanying balance sheet at March 31, 2010 correspond to the amounts for valuation and translation adjustments and total valuation and translation adjustments, respectively.

### 14. Supplementary Information for Consolidated Statements of Changes in Net Assets

Year ended March 31, 2011

(a) Information regarding the number and type of shares issued and

treasury stock:					
		Number of shares			
	Year ended March 31, 2010	Increase during the year	Decrease during the year	Year ended March 31, 2011	
Shares issued: Common stock Treasury stock:	371,463,036	-	-	371,463,036	
Common stock (Notes 1 and 2)	287,708	15,277	3,751	299,234	

Notes 1: The increase in treasury stock — common stock of 15,277 was due to the acquisition of fractional shares of less than one unit.

2: The decrease in treasury stock — common stock of 3,751 was due to sales of fractional shares of less than one unit.

#### (b) Dividends

(1) Dividends paid to shareholders

r) Divide		
(i) Res	olution:	Annual general meeting of
		shareholders held on June 25, 2010
Туре	of shares:	Common stock
Total	amount of	
divid	lends:	¥2,227 million (\$26,783 thousand)
Divide	ends per share:	¥6 (\$0.072)
Cut-o	ff date:	March 31, 2010
Effect	ive date:	June 28, 2010
(ii) Res	solution:	Meeting of Board of Directors held on November 8, 2010
Туре	of shares:	Common stock
Total a	amount of	
divid	ends:	¥2,227 million (\$26,783 thousand)
Divide	ends per share:	¥6 (\$0.072)
Cut-o	ff date:	September 30, 2010
Effect	ive date:	December 6, 2010

 (2) Dividends of which the cut-off date was in the year ended March 31, 2011, but the effective date is in the following fiscal year Resolution: Annual general meeting of

shareholders held on June 24, 2011Type of shares:Common stockTotal amount ofdividends:¥2,226 million (\$26,771 thousand)Dividends per share:¥6 (\$0.072)Cut-off date:March 31, 2011Effective date:June 27, 2011Source of dividends:Retained earnings

# Year ended March 31, 2010

(a) Information regarding the number and type of shares issued and treasury stock:

	Number of shares			
	Year ended March 31, 2009	Increase during the year	Decrease during the year	Year ended March 31, 2010
Shares issued: Common stock Treasury stock:	371,463,036	_	_	371,463,036
Common stock (Notes 1 and 2)	261,340	28,868	2,500	287,708

Notes 1: The increase in treasury stock — common stock of 28,868 was due to the acquisition of fractional shares of less than one unit.

2: The decrease in treasury stock — common stock of 2,500 was due to sales of fractional shares of less than one unit.

### (b) Dividends

(1) Dividends paid to shareholders

(i) Resolution:	Annual general meeting of shareholders held on June 29, 2009
Type of shares:	Common stock
Total amount of	
dividends:	¥2,227 million
Dividends per share:	¥6
Cut-off date:	March 31, 2009
Effective date:	June 30, 2009
(ii) Resolution:	Meeting of Board of Directors held on November 2, 2009
(ii) Resolution: Type of shares:	0
	November 2, 2009
Type of shares:	November 2, 2009
Type of shares: Total amount of	November 2, 2009 Common stock
Type of shares: Total amount of dividends:	November 2, 2009 Common stock ¥2,227 million
Type of shares: Total amount of dividends: Dividends per share:	November 2, 2009 Common stock ¥2,227 million ¥6

 (2) Dividends of which the cut-off date was in the year ended March 31, 2010, but the effective date was in the following fiscal year Resolution: Annual general meeting of

shareholders held on June 25, 2010 Type of shares: Common stock Total amount of dividends: ¥2,227 million

Dividends per share:¥6Cut-off date:March 31, 2010Effective date:June 28, 2010Source of dividends:Retained earnings

#### 15. Cash Flow Information

(a) Cash and cash equivalents

The reconciliation between cash and cash equivalents in the accompanying consolidated statements of cash flows and cash on hand and in banks in the accompanying consolidated balance sheets at March 31, 2011 and 2010 are summarized as follows:

	Millions of Yen		Thousands of U.S. Dollars
	2011	2010	2011
Cash on hand and in banks in the consolidated balance sheets	¥41,187	¥45,646	\$495,334
Investment with a maturity of three months or less from the date of acquisition	44	50	529
Time deposits with maturities of more than three months	(116)	(93)	(1,395)
Cash and cash equivalents in the consolidated statements of cash flow	¥41,116	¥45,603	\$494,480

#### (b) Significant transactions without cash flows

Assets and liabilities regarding finance lease transactions and asset retirement obligations that have been recorded by the Company and its domestic consolidated subsidiaries at March 31, 2011 and 2010 were as follows:

	Millions	Thousands of U.S. Dollars	
	2011	2010	2011
Lease assets	¥ 590	¥1,088	\$ 7,096
Lease obligations	621	1,145	7,468
Buildings and structures	863	_	10,379
Machinery and equipment	14	_	168
Asset retirement obligations	1,132	—	13,614

(c) Summary of assets acquired and liabilities assumed through the acquisition of shares of Meiki Co., Ltd. for the year ended March 31, 2010, acquisition costs and net disbursement

	Millions of Yen
Current assets	¥4,364
Noncurrent assets	2,175
Current liabilities	(3,223)
Noncurrent liabilities	(1,340)
Negative goodwill	(358)
Minority interests	(968)
Company's interest prior to	
the date of acquisition	(122)
Acquisition costs of	
Meiki Co., Ltd	527
Cash and cash equivalents	
(Meiki Co., Ltd.)	(1,281)
Net proceeds from acquisition	
of Meiki Co., Ltd	¥ 754

#### 16. Leases

#### Year ended March 31, 2011

Future minimum lease payments subsequent to March 31, 2011 under non-cancelable operating leases are summarized as follows:

Year ending March 31,	Millions of Yen	Thousands of U.S. Dollars
2012	¥2,403	\$ 28,900
2013 and thereafter	7,145	85,929
Total	¥9,548	\$114,829

#### Year ended March 31, 2010

Future minimum lease payments subsequent to March 31, 2010 under non-cancelable operating leases are summarized as follows:

Year ending March 31,	Millions of Yen
2011	¥1,027
2012 and thereafter	2,138
Total	¥3,166

# **17. Financial Instruments**

# Year ended March 31, 2011

### (a) Policy for financial instruments

In consideration of plans for capital investment, the Company and its consolidated subsidiaries (collectively, the "Group") invest funds provided by operating cash flows. The Group uses bond issuances and bank borrowings in order to raise additional funds, if needed. The Company manages temporary cash surpluses through low-risk financial assets. The Company uses derivatives for the purpose of reducing risks and does not enter into derivatives for speculative or trading purposes. (b) Types of financial instruments and related risk

Trade receivables — trade notes and accounts receivable — are exposed to credit risk in relation to customers. In addition, the Company is exposed to foreign currency exchange risk arising from receivables denominated in foreign currencies. The foreign currency exchange risks deriving from the trade receivables denominated in foreign currencies are hedged by forward foreign exchange contracts, if needed.

Investment securities are exposed to market risk. Those securities are composed of mainly the shares of common stock of companies with which the Company has business relationships.

Trade payables — trade notes and accounts payable — have payment due dates within one year. Although the Company is exposed to foreign currency exchange risk arising from those payables denominated in foreign currencies, forward foreign exchange contracts are arranged to reduce the risk, if needed.

Loans payables and bonds are used to raise funds mainly in connection with capital investments. The repayment dates of the long-term debts extend up to six years from the balance sheet date. Long-term debt with variable interest rates is exposed to interest rate fluctuation risk. However, to reduce such risk and fix interest expense for long-term debt with variable rates, the Company utilizes interest rate swap transactions as a hedging instrument.

Regarding derivatives, the Company enters into forward foreign exchange contracts to reduce the foreign currency exchange risk arising from the receivables and payables denominated in foreign currencies. The Company also enters into interest rate swap transactions to reduce the fluctuation risk of interest payable for long-term debt with variable rates.

Information regarding the method of hedge accounting, hedging instruments and hedged items, hedging policy, and the assessment of the effectiveness of hedging activities is found in Note 2 (p).

(c) Risk management for financial instruments

 Monitoring of credit risk (the risk that customers or counterparties may default)

In accordance with the internal policies of the Company for managing credit risk arising from receivables, each related division monitors credit worthiness of their main customers periodically, and monitors due dates and outstanding balances by individual customer. In addition, the Company is making efforts to identify and mitigate risks of bad debts from customers who are having financial difficulties. The consolidated subsidiaries also manage credit risk using the Company's internal policies and methods.

The Company also believes that the credit risk of derivatives is insignificant as it enters into derivative transactions only with financial institutions which have a high credit-rating.

(ii) Monitoring of market risk (the risk arising from fluctuations in foreign exchange rates, interest rates and others) For trade receivables and payables denominated in foreign currencies, the Company identifies the foreign currency exchange risk for each currency on a monthly basis and enters into forward foreign exchange contracts to hedge such risk. In order to mitigate the interest rate risk for loans payable bearing interest at variable rates, the Company may also enter into interest rate swap transactions.

For investment securities, the Company periodically reviews the fair values of such financial instruments and the financial position of the issuers. In addition, the Company continuously evaluates whether securities other than those classified as held-to-maturity should be maintained taking into account their fair values and relationships with the issuers.

In conducting derivative transactions, the division in charge of each derivative transaction follows the internal policies, which set forth delegation of authority. Monthly reports including actual transaction data are submitted to top management for their review. The consolidated subsidiaries also conduct derivative transactions using the Company's internal policies.

- (iii) Monitoring of liquidity risk (the risk that the Company may not be able to meet its obligations on scheduled due dates)
   Based on the report from each division, the Company prepares and updates its cash flow plans in a timely basis to manage liquidity risk. The consolidated subsidiaries manage the liquidity risk using cash flow plans and report to the Company periodically.
- (d) Supplementary explanation of the estimated fair value of financial instruments

The fair value of financial instruments is based on their quoted market price, if available. When there is no available quoted market price available, fair value is reasonably estimated. Since various assumptions and factors are reflected in estimating the fair value, different assumptions and factors could result in different fair value. In addition, the notional amounts of derivatives in Note 19 Derivative Transactions-Supplemental Explanation on Quantitative Information are not necessarily indicative of the actual market risk involved in derivative transactions.

#### Estimated Fair Value of Financial Instruments

Carrying value of financial instruments on the consolidated balance sheet as of March 31, 2011 and estimated fair value are shown in the following table. The following table does not include financial instruments for which it is extremely difficult to determine the fair value (Please refer to Note (ii) below).

#### Year ended March 31, 2011

	Millions of Yen		
	Carrying amount	Difference	
Assets			
Cash on hand and in banks	¥ 41,187	¥ 41,187	¥ —
Trade notes and accounts			
receivable	45,197	45,189	(8)
Securities:			
Other securities with			
maturity	44	44	-
Other securities	25,977	25,977	-
Total assets	¥112,407	¥112,399	¥ (8)
Liabilities			
Trade notes and accounts			
payable	¥ 45,013	¥ 45,013	¥ —
Short-term borrowings	13,120	13,120	—
Current portion of long-term			
debt	635	636	1
Bonds	10,000	9,865	(134)
Long-term debt	37,535	37,515	(19)
Total liabilities	¥106,303	¥106,151	¥(151)
Derivatives (*)	¥ (171)	¥ (171)	¥ —

	Thousands of U.S. Dollars					
	Carrying Estimated					
		amount fair value		Diffe	Difference	
Assets						
Cash on hand and in banks	\$	495,334	\$	495,334	\$	_
Trade notes and accounts						
receivable		543,560		543,464		(96)
Securities:						
Other securities with						
maturity		529		529		_
Other securities		312,411		312,411		_
Total assets	\$1	,351,858	\$1	1,351,762	\$	(96)
Liabilities						
Trade notes and accounts						
payable	\$	541,347	\$	541,347	\$	-
Short-term borrowings		157,787		157,787		—
Current portion of long-term						
debt		7,637		7,649		12
Bonds		120,265		118,641	(1	,612)
Long-term debt		451,413		451,173		(229)
Total liabilities	\$1	,278,449	\$1	1,276,621	\$(1	,816)
Derivatives (*)	\$	(2,057)	\$	(2,057)	\$	_

(\*) The value of assets and liabilities arising from derivatives is shown at net value, and with the amount in parentheses representing net liability position.

(i) Method to determine the estimated fair value of financial instruments and other matters related to securities and derivative transactions.

#### Assets

#### Cash on hand and in banks

The carrying amount is used for bank deposits without maturities, because the fair value approximates the carrying value. The fair value

of time deposits in banks with maturities is calculated based on the present value of the total principal and interest discounted at a rate supposing a newly made deposit.

#### Trade notes and accounts receivables

These fair values are calculated by categories of the remaining periods of the receivables based on the present value using discount rates determined by the period to maturity and credit risk.

#### Securities

The carrying amount is used for other securities with maturities, because the fair value approximates the carrying amount. Quoted market price is used for other securities.

#### Liabilities

Trade notes and accounts payable and short-term borrowings

The carrying amount is used for these items because the fair value approximates the carrying amount.

## Current portion of long-term debt, bonds and long-term debt

These fair values are calculated by applying a discount rate, based on the assumed interest rate if similar new debt is issued, to the total of the principal and interest. The current portion of long-term debt and long-term debt with variable interest rates are subject to the special treatment of interest rate swaps and is calculated by applying a discount rate, based on the assumed interest rate if similar new debt is issued, to the total of the principal and interest including that of the interest rate swap.

#### **Derivative Transactions**

Please refer to Note 19, Derivative Transactions, of these notes to the consolidated financial statements.

(ii) Financial instruments for which it is extremely difficult to determine the fair value

	2011		
		Thousands of U.S.	
	Millions of Yen	Dollars	
Unlisted stocks	¥2,257	\$27,144	

Because the fair values of these financial instruments are extremely difficult to determine, given that they do not have quoted market prices and future cash flows cannot be estimated, they are not included in "Securities" in the preceding table.

(iii) Redemption schedule for receivables and securities with maturities at March 31, 2011.

Year ended March 31, 2011

		Millions of Yen	
		Due after	
	Due in one year or less	one year through five years	Due after five years
Cash on hand and in banks	¥41,187	¥ —	¥—
Trade notes and accounts receivable	44,358	839	_
Securities:			
Other securities with			
maturities	44	—	_
Total	¥85,590	¥839	¥—

		Thousands of U.S. Dollars		
			Due afte	
		Due in one ear or less	through f years	ive Due after five years
Cash on hand and in banks	\$	495,334	\$ -	\$-
Trade notes and accounts receivable		533,470	10,090	) _
Securities:				
Other securities with				
maturities	_	529		
Total	\$1	,029,345	\$10,090	) \$-

(iv) The redemption schedule for long-term debt Year ended March 31, 2011

	Millions of Yen		
	Bonds	Long-term loans	Lease obligations
Due in 1 year or less	¥ —	¥ 635	¥1,800
Due after 1 year through 2 years	-	13,670	1,384
Due after 2 years through 3 years	_	10,370	645
Due after 3 years through 4 years	_	2,550	345
Due after 4 years through 5 years Due after 5 years	10,000 —	10,830 115	145 74

	Thousands of U.S. Dollars		
	Bonds	Long-term loans	Lease obligations
Due in 1 year or less	\$ -	\$ 7,637	\$21,648
Due after 1 year through			
2 years	—	164,402	16,645
Due after 2 years through			
3 years	-	124,714	7,757
Due after 3 years through			
4 years	-	30,667	4,149
Due after 4 years through			
5 years	120,265	130,247	1,744
Due after 5 years	-	1,383	890

#### Overview

Year ended March 31, 2010

(a) Policy for financial instruments

In consideration of plans for capital investment, the Company and its consolidated subsidiaries invests funds provided by operating cash flows. The Group uses bond issuances and bank borrowings in order to raise additional funds, if needed. The Company manages temporary cash surpluses through low-risk financial assets. The Company uses derivatives for the purpose of reducing risk and does not enter into derivatives for speculative or trading purposes.

(b) Types of financial instruments and related risk

Trade receivables — trade notes and accounts receivable — are exposed to credit risk in relation to customers. In addition, the Company is exposed to foreign currency exchange risk arising from receivables denominated in foreign currencies. The foreign currency exchange risks deriving from the trade receivables denominated in foreign currencies are hedged by forward foreign exchange contracts, if needed. Investment securities are exposed to market risk. Those securities are composed of mainly the shares of common stock of companies with which the Company has business relationships.

Trade payables — trade notes and accounts payable — have payment due dates within one year. Although the Company is exposed to foreign currency exchange risk arising from those payables denominated in foreign currencies, forward foreign exchange contracts are arranged to reduce the risk, if needed.

Loans payables and bonds are used to raise funs mainly in connection with capital investments. The repayment dates of the long-term debt extend up to five years from the balance sheet date. Long-term debt with variable interest rates is exposed to interest rate fluctuation risk. However, to reduce such risk and fix interest expense for long-term debt with variable rates, the Company utilizes interest rate swap transactions as a hedging instrument.

Regarding derivatives, the Company enters into forward foreign exchange contracts to reduce the foreign currency exchange risk arising from the receivables and payables denominated in foreign currencies. The Company also enters into interest rate swap transactions to reduce the fluctuation risk of interest payable for long-term debt with variable rates.

Information regarding the method of hedge accounting, hedging instruments and hedged items, hedging policy, and the assessment of the effectiveness of hedging activities is found in Note 2 (p).

#### (c) Risk management for financial instruments

 Monitoring of credit risk (the risk that customers or counterparties may default)

In accordance with the internal policies of the Company for managing credit risk arising from receivables, each related division monitors credit worthiness of their main customers periodically, and monitors due dates and outstanding balances by individual customer. In addition, the Company is making efforts to identify and mitigate risks of bad debts from customers who are having financial difficulties. The consolidated subsidiaries also manage credit risk using the Company's internal policies and methods.

The Company also believes that the credit risk of derivatives is insignificant as it enters into derivative transactions only with financial institutions which have a high credit-rating.

(ii) Monitoring of market risk (the risk arising from fluctuations in foreign exchange rates, interest rates and others) For trade receivables and payables denominated in foreign currencies, the Company identifies the foreign currency exchange risk for each currency on a monthly basis and enters into forward foreign exchange contracts to hedge such risk. In order to mitigate the interest rate risk for loans payable bearing interest at variable rates, the Company may also enter into interest rate swap transactions.

For investment securities, the Company periodically reviews the fair values of such financial instruments and the financial position of the issuers. In addition, the Company continuously evaluates whether securities other than those classified as held-to-maturity should be maintained taking into account their fair values and relationships with the issuers.

In conducting derivative transactions, the division in charge of each derivative transaction follows the internal policies, which set forth delegation of authority. Monthly reports including actual transaction data are submitted to top management for their review. The consolidated subsidiaries also conduct derivative transactions using the Company's internal policies.

- (iii) Monitoring of liquidity risk (the risk that the Company may not be able to meet its obligations on scheduled due dates) Based on the report from each division, the Company prepares and updates its cash flow plans in a timely basis to manage liquidity risk. The consolidated subsidiaries manage the liquidity risk using cash flow plans and report to the Company periodically.
- (d) Supplementary explanation of the estimated fair value of financial instruments

The fair value of financial instruments is based on their quoted market price, if available. When there is no available quoted market price available, fair value is reasonably estimated. Since various assumptions and factors are reflected in estimating the fair value, different assumptions and factors could result in different fair value. In addition, the notional amounts of derivatives in Note 19 Derivative Transactions-Supplemental Explanation on Quantitative Information are not necessarily indicative of the actual market risk involved in derivative transactions.

#### Estimated Fair Value of Financial Instruments

Carrying value of financial instruments on the consolidated balance sheet as of March 31, 2010 and estimated fair value are shown in the following table. The following table does not include financial instruments for which it is extremely difficult to determine the fair value (Please refer to Note (ii) below).

#### Year ended March 31, 2010

	Millions of Yen		
	Carrying	Estimated	Differences
	amount	fair value	Difference
Assets			
Cash on hand and in banks	¥ 45,646	¥ 45,646	¥ —
Trade notes and accounts			
receivable	42,431	42,424	(6)
Securities:			
Other securities with			
maturity	50	50	—
Other securities	30,148	30,148	—
Total assets	¥118,276	¥118,269	¥ (6)
Liabilities			
Trade notes and accounts			
payable	¥ 36,232	¥ 36,232	¥ —
Short-term borrowings	13,722	13,722	—
Current portion of long-term			
debt	667	669	1
Bonds with maturity within			
one year	10,000	10,012	12
Long-term debt	28,170	28,609	439
Total liabilities	¥ 88,792	¥ 89,246	¥453
Derivatives (*)	¥ (358)	¥ (358)	¥ —

(\*) The value of assets and liabilities arising from derivatives is shown at net value, and with the amount in parentheses representing net liability position.

(i) Method to determine the estimated fair value of financial instruments and other matters related to securities and derivative transactions

## <u>Assets</u>

#### Cash on hand and in banks

The carrying amount is used for bank deposits without maturities, because the fair value approximates the carrying value. The fair value of time deposits in banks with maturities is calculated based on the present value of the total principal and interest discounted at a rate supposing a newly made deposit.

#### Trade notes and accounts receivables

These fair values are calculated by categories of the remaining periods of the receivables based on the present value using discount rates determined by the period to maturity and credit risk.

#### Securities

The carrying amount is used for other securities with maturities, because the fair value approximates the carrying amount.

Quoted market price is used for other securities.

#### Liabilities

**Trade notes and accounts payable and short-term borrowings** The carrying amount is used for these items because the fair value approximates the carrying amount.

# Current portion of long-term debt, bonds with maturity within one year and long-term debt

These fair values are calculated by applying a discount rate, based on the assumed interest rate if similar new debt is issued, to the total of the principal and interest. The current portion of long-term debt and long-term debt with variable interest rates are subject to the special treatment of interest rate swaps and is calculated by applying a discount rate, based on the assumed interest rate if similar new debt is issued, to the total of the principal and interest including that of the interest rate swap.

#### **Derivative Transactions**

Please refer to Note 19, Derivative Transactions, of these notes to the consolidated financial statements.

(ii) Financial instruments for which it is extremely difficult to determine the fair value

	Millions of Yen
	2010
Unlisted stocks	¥2,217

Because the fair values of these financial instruments are extremely difficult to determine, given that they do not have quoted market prices and future cash flows cannot be estimated, they are not included in "Securities" in the preceding table.

(iii) Redemption schedule for receivables and securities with maturities at March 31, 2010.

Year ended March 31, 2010

	Millions of Yen		
	Due after		
		one year	
	Due in one year or less	through five years	Due after five years
Cash on hand and in banks	¥45,646	¥ —	¥—
Trade notes and accounts receivable	41.849	582	_
Securities:	11,010	002	
Other securities with			
maturities	50	_	_
Total	¥87,546	¥582	¥—

# (iv) The redemption schedule for long-term debt Year ended March 31, 2010

	Millions of Yen		
	Bonds	Long-term loans	Lease obligations
Due in 1 year or less	¥10,000	¥ 667	¥2,026
Due after 1 year through 2 years	_	635	1,674
Due after 2 years through 3 years	_	13,670	1,258
Due after 3 years through 4 years Due after 4 years through	-	10,370	525
5 years Due after 5 years		2,550 945	247 149

Effective the year ended March 31, 2010, the Company and its domestic consolidated subsidiaries adopted the "Accounting Standard for Financial Instruments" (ASBJ Statement No. 10, March 10, 2008) and the "Implementation Guidance on Accounting Standard for Financial Instruments" (ASBJ Guidance, No. 19, March 10, 2008).

#### **18. Securities**

When their fair values have declined by 50% or more, impairment losses are recorded on those securities. When their fair values have declined by 30% up to 50%, impairment losses are recorded on those securities on individual basis to the values are considered to be recoverable individually.

#### March 31, 2011

(a) Held-to-maturity securities:

	Ν	/illions of Ye	n
	N		
	Fair value	Carrying amount	Unrealized
	Fair value	amount	gain (loss)
Fair value does not exceed			
carrying amount:			
Other	¥44	¥44	¥—
Total	¥44	¥44	¥—
	Thousa	ands of U.S.	Dollars
		Carrying	Unrealized
	Fair value	amount	gain (loss)
Fair value does not exceed			
carrying amount:			
Other	\$529	\$529	\$-
Total	\$529	\$529	\$-
(b) Other securities:			
<u> </u>	Ν	/lillions of Ye	n
	Acquisition	Carrying	Unrealized
	cost	amount	gain (loss)
Carrying amount exceeds			
acquisition cost:			
Stocks	¥10,043	¥14,629	¥4,586
Carrying amount does not	,	,	,
exceed acquisition cost:			
Stocks	14,156	10,726	(3,430)
Total	¥24,199	¥25,356	¥1,156
10101	+24,100	+20,000	+1,130

	Thousands of U.S. Dollars		
	Acquisition cost	Carrying amount	Unrealized gain (loss)
Carrying amount exceeds acquisition cost: Stocks	\$120,782	\$175,935	\$55,153
Carrying amount does not exceed acquisition cost: Stocks	170,247	128,996	(41,251)
Total	\$291,028	\$304,943	\$13,903

#### (b) Other securities:

	Millions of Yen		
	Acquisition cost	Carrying amount	Unrealized gain (loss)
Carrying amount exceeds acquisition cost: Stocks Carrying amount does not exceed acquisition cost:	¥15,699	¥21,910	¥6,211
Stocks	8,832	7,582	(1,250)
Total	¥24,532	¥29,492	¥4,960

## March 31, 2010

(a) Held-to-maturity securities:					
	Millions of Yen				
	Carrying Unrealized Fair value amount gain (loss)				
Fair value does not exceed carrying amount:					
Other	¥50	¥50	¥—		
Total	¥50	¥50	¥—		

#### **19. Derivative Transactions**

Year ended March 31, 2011

(a) Derivatives not subject to hedge accounting

None applicable

(b) Derivatives subject to hedge accounting

The contract amounts or the amount corresponding to principal as specified by the contract as of the date of the closing of the consolidated accounts is shown below by type of hedge accounting method.

(i) Currency-related transactions

				Millions of Yen	
Hedge accounting method	Type of derivative	Principal items hedged	Contract	amount	Fair value
Allocation method	Foreign exchange forward contracts Sell:	Notes and accounts receivable		Over one year	
	U.S. dollars		¥ 3,641	¥197	¥151
	Euros		341	29	(14)
	Foreign exchange forward contracts	Notes and accounts payable			
	Buy:				
	U.S. dollars		¥10,163	¥ 49	¥ (2)
	Euros		1,045	_	29
	Sterling pound		283	-	7

			Thou	isands of U.S. Do	ollars
Hedge accounting method	Type of derivative	Principal items hedged	Contract	amount	Fair value
Allocation method	Foreign exchange forward contracts Sell:	Notes and accounts receivable		Over one year	
	U.S. dollars Euros Foreign exchange forward contracts		\$ 43,788 4,101	\$2,369 349	\$1,816 (168)
	Buy: U.S. dollars Euros Sterling pound		\$122,225 12,568 3,403	\$589 — —	\$ (24) 349 (84)

Note: Calculation of fair value is based on the forward exchange rate.

#### (ii) Interest-related transactions

				Millions of Yen		
Hedge accounting method	Type of derivative	Principal items hedged	Contrac	et amount	Fair value	
Special treatment for interest rate swaps	Receive/floating and pay/fixed			Over one year		
		Current portion of long-term borrowings				
		Long-term borrowings	¥23,180	¥23,000	(*)	
			Tho	ousands of U.S. Do	ollars	
Hedge accounting method	Type of derivative	Principal items hedged	Contrac	t amount	Fair value	
Special treatment for interest rate swaps	Receive/floating and pay/fixed			Over one year		
		Current portion of long-term borrowings				
		Long-term borrowings	\$278,773	\$276,609	(*)	

(\*) Since interest rate swap contracts accounted for by the special treatment for interest rate swaps are treated together with the long-term borrowings subject to hedging, the estimated fair value of such interest rate swap contract is included in the estimated fair value of the corresponding long-term borrowings.

Note: Calculation of fair value is based on the stated price by financial institutions.

Year ended March 31, 2010

(a) Derivatives not subject to hedge accounting

None applicable

(b) Derivatives subject to hedge accounting

The contract amounts or the amount corresponding to principal as specified by the contract as of the date of the closing of the consolidated accounts is shown below by type of hedge accounting method.

(i) Currency-related transactions

				Millions of Yen	
Hedge accounting method	Type of derivative	Principal items hedged	Contrac	ct amount	Fair value
Allocation method	Foreign exchange forward contracts Sell:	Notes and accounts receivable		Over one year	
	U.S. dollars		¥6,087	¥1,396	¥ (41)
	Euros		129	—	5
	Foreign exchange forward contracts Buy:	Notes and accounts payable			
	U.S. dollars		¥ 117	¥ —	¥ 0
	Euros		4,042	1	(315)
	Sterling pound		139	_	(7)

Note: Calculation of fair value is based on the forward exchange rate.

#### (ii) Interest-related transactions

			Millions of Yen			
Hedge accounting method	Type of derivative	Principal items hedged	Contrac	t amount	Fair value	
Special treatment for interest rate swaps	Receive/floating and pay/fixed			Over one year		
		Current portion of long-term borrowings	V00 E 40	V02 260	(*)	
		Long-term borrowings	¥23,540	¥23,360	(*)	

(\*) Since interest rate swap contracts accounted for by the special treatment for interest rate swaps are treated together with the long-term borrowings subject to hedging, the estimated fair value of such interest rate swap contract is included in the estimated fair value of the corresponding long-term borrowings.

Note: Calculation of fair value is based on the stated price by financial institutions.

#### 20. Employees' Retirement Benefit Plans

The following table sets forth the funded and accrued status of the plans, and the amounts recognized in the accompanying consolidated balance sheets at March 31, 2011 and 2010 for the Company's and the consolidated subsidiaries' defined benefit pension plans:

	Millions	of Yen	Thousands of U.S. Dollars
	2011	2010	2011
Retirement benefit obligation	¥(28,507)	¥(28,685)	\$(342,838)
Plan assets at fair value	14,902	15,332	179,218
Unfunded retirement benefit obligation	(13,604)	(13,352)	(163,608)
Unrecognized net retirement benefit obligation at transition	_	_	_
Unrecognized actuarial loss	5,980	6,219	71,918
Unrecognized prior service cost	554	694	6,663
Net retirement benefit obligation	(7,069)	(6,438)	(85,015)
Accrued retirement benefits	(9,339)	(8,520)	(112,315)
Prepaid pension cost	¥ 2,270	¥ 2,082	\$ 27,300

The components of retirement benefit expenses for the years ended March 31, 2011 and 2010 are outlined as follows:

	Millions of Yen		Thousands of U.S. Dollars
	2011	2010	2011
Service cost	¥1,759	¥1,653	\$21,155
Interest cost	324	319	3,897
Expected return on plan assets	(213)	(190)	(2,562)
Amortization of net retirement benefit obligation			
at transition	-	765	_
Amortization of actuarial loss	1,425	1,479	17,138
Amortization of			
prior service cost	140	140	1,684
Retirement benefit expenses	¥3,436	¥4,166	\$41,323

The assumptions used in accounting for the above plans were as follows:

	2011	2010
Discount rate	1.50%	1.50%
Expected rate of return on plan assets	1.50%	1.50%

#### 21. Income Taxes

The Company has omitted the reconciliation between the statutory tax rate and the effective tax rates for financial statement purposes for the years ended March 31, 2011 and 2010 because the difference between these rates was less than 5%.

The significant components of the Company's deferred tax assets and liabilities at March 31, 2011 and 2010 were as follows:

Thousands of				
		s of Yen	U.S. Dollars	
	2011	2010	2011	
Deferred tax assets:				
Accrued enterprise taxes	¥ 610	¥ 506	\$ 7,336	
Accrued bonuses	1,410	1,402	16,957	
Unrealized gain on				
intercompany transactions	816	677	9,814	
Accrued retirement benefits				
for employees	4,994	4,032	60,060	
Accrued retirement benefits				
for directors and corporate	404	100	4 575	
auditors	131	128	1,575	
Loss on revaluation of	740	501	0.006	
inventory items Loss on revaluation of	748	501	8,996	
financial instruments	282	289	3,391	
Impairment loss	138	203	1,660	
Depreciation	1,158	1,144	13,927	
Amortization of deferred	1,100	.,	10,021	
assets	151	211	1,816	
Provision for warranties for			,	
completed construction	693	502	8,334	
Provision for loss on				
construction contracts	2,076	737	24,967	
Asset retirement obligations	555	_	6,675	
The percentage-of-				
completion method	727	_	8,743	
PCB disposal expenses	-	162	-	
Tax loss carry forwards	2,640	2,306	31,750	
Deferred loss on hedges	21	199	253	
Unrealized loss on	4 000	505	40.000	
investment securities	1,386	505	16,669	
Other Gross deferred tax assets	298 18,843	319 13,626	3,584 226,615	
Valuation allowance	(3,747)	(3,363)	(45,063)	
Total deferred tax assets	15,095	10,262	181,539	
	10,000	10,202	101,000	
Deferred tax liabilities:				
Reserve for advanced				
depreciation	2,299	2,411	27,649	
Reserve for special			,	
depreciation	2,360	1,480	28,382	
Prepaid pension cost	919	246	11,052	
Disposal cost with asset				
retirement obligations	349	_	4,197	
Unrealized gain on				
investment securities	1,855	2,514	22,309	
Deferred gain on hedges	91	54	1,094	
Reversal of allowance for				
doubtful accounts	-	48	-	
Other Total deferred tax liabilities	13	6 784	156	
Net deferred tax assets	7,887 ¥ 7,207	6,784 ¥ 3,478	94,853 \$ 86,675	
NEL UEIEITEU LAX 855815	+ 1,201	¥ 3,478	\$ 00,075	

#### 22. Asset Retirement Obligations

Year ended March 31, 2011

The following table presents the changes in asset retirement obligations for the year ended March 31, 2011:

	Millions of Yen	Thousands of U.S. Dollars
Balance at April 1, 2010	¥1,338	\$16,091
Liabilities incurred due to the		
acquisition of property, plant		
and equipment	14	168
Accretion expense	18	216
Balance at March 31, 2011	¥1,371	\$16,488

#### 23. Investment and Rental Properties

Effective the year ended March 31, 2010, the Company and its domestic consolidated subsidiaries adopted the "Accounting Standard for Investment and Rental Properties" (ASBJ Statement No. 20, November 28, 2008) and the "Implementation Guidance on Accounting Standard for Investment and Rental Properties" (ASBJ Guidance, No. 23, November 28, 2008).

The Company has omitted the disclosure of Investment and Rental Properties due to immateriality for the years ended March 31, 2011 and 2010.

#### 24. Segment Information

Effective the fiscal year ended March 31, 2011, the Company has adopted the new accounting standards for disclosures about segments of an enterprise and related information. Segment information for the year ended March 31, 2010 has been restated in accordance with such accounting standards for comparative purposes.

The reportable segments of the Group are components for which discrete financial information is available and whose operating results are regularly reviewed by the Executive Committee to make decisions about resource allocation and to assess performance.

The Steel and Energy Products segment includes steel castings and forgings, steel plates, pressure vessels and steel structures. The Industrial Machinery Products segment includes injection molding machines, film and sheet machinery, blow molding machines, magnesium injection molding machines, waste treatment equipment and manufacturing equipment for electronic products. The Real Estate and Other Businesses segment includes regional development.

			Millions	of Yen		
	Re	portable segme	ents		·	
Year ended March 31, 2011	Steel and Energy Products	Industrial Machinery Products	Real Estate and Other Businesses	Total	Adjustments and eliminations	Consolidated
Sales and operating income:						
Sales to third parties	¥112,915	¥ 97,664	¥ 2,349	¥212,929	¥ —	¥212,929
Intra-segment sales and transfers	2,853	5,331	3,075	11,260	(11,260)	_
Total sales	115,769	102,996	5,425	224,190	(11,260)	212,929
Operating income	¥ 25,059	¥ 3,253	¥ 715	¥ 29,027	¥ (532)	¥ 28,495
Assets, depreciation, and capital expenditures:						
Total assets	¥167,573	¥ 89,477	¥13,610	¥270,661	¥68,602	¥339,263
Depreciation and amortization	16,492	3,042	301	19,837	165	20,003
Capital expenditures	25,217	1,309	73	26,600	121	26,722

Thousands of U.S. Dollars								
	Re	portable segme	nts					
Year ended March 31, 2011	Steel and Energy Products	Industrial Machinery Products	Real Estate and Other Businesses	Total	Adjustments and eliminations	Consolidated		
Sales and operating income:								
Sales to third parties	\$1,357,968	\$1,174,552	\$ 28,250	\$2,560,782	\$ —	\$2,560,782		
Intra-segment sales and transfers	34,311	64,113	36,981	135,418	(135,418)	_		
Total sales	1,392,291	1,238,677	65,244	2,696,212	(135,418)	2,560,782		
Operating income	\$ 301,371	\$ 39,122	\$ 8,599	\$ 349,092	\$ (6,398)	\$ 342,694		
Assets, depreciation, and capital expenditures:								
Total assets	\$2,015,310	\$1,076,091	\$163,680	\$3,255,093	\$825,039	\$4,080,132		
Depreciation and amortization	198,340	36,584	3,620	238,569	1,984	240,565		
Capital expenditures	303,271	15,743	878	319,904	1,455	321,371		

Notes 1: Adjustments and eliminations for segment profit of ¥532 million (\$6,398 thousand) include elimination of inter-segment profit on inventories and corporate general administration expense which are not allocable to a reportable segment.

2: Adjustments and eliminations for segment assets of ¥68,602 million (\$825,039 thousand) include offset of inter-segment debt and credit, and corporate assets which are not allocable to a reportable segment.

3: Adjustments and eliminations for depreciation and amortization of ¥165 million (\$1,984 thousand) include depreciation and amortization for corporate assets.

Adjustments and eliminations for capital expenditures of ¥121 million (\$1,455 thousand) include capital expenditures for corporate assets.

	Millions of Yen							
	Rep	oortable segme	ents					
Year ended March 31, 2010	Steel and Energy Products	Industrial Machinery Products	Real Estate and Other Businesses	Total	Adjustments and eliminations	Consolidated		
Sales and operating income:								
Sales to third parties	¥121,921	¥77,356	¥ 2,402	¥201,680	¥ —	¥201,680		
Intra-segment sales and transfers	3,170	4,496	2,826	10,493	(10,493)	—		
Total sales	125,091	81,852	5,229	212,174	(10,493)	201,680		
Operating income	¥ 30,187	¥ 1,308	¥ 740	¥ 32,235	¥ (50)	¥ 32,185		
Assets, depreciation, and capital expenditures:								
Total assets	¥148,024	¥84,571	¥13,640	¥246,237	¥764,748	¥322,986		
Depreciation and amortization	10,772	3,107	324	14,203	218	14,422		
Capital expenditures	30,256	1,169	47	31,472	391	31,864		

Notes 1: Adjustments and eliminations for segment profit of ¥50 million include elimination of inter-segment profit on inventories and corporate general administration expense, which are not allocable to a reportable segment.

2: Adjustments and eliminations for segment assets of ¥76,748 million include offset of inter-segment debt and credit, and corporate assets which are not allocable to a reportable segment.

3: Adjustments and eliminations for depreciation and amortization of ¥218 million include depreciation and amortization for corporate assets. Adjustments and eliminations for capital expenditures of ¥391 million include capital expenditures for corporate assets.

#### (Additional Information)

Effective the year ended March 31, 2011, the Company adopted the "Accounting Standard for Disclosures about Segments of an Enterprise and Related Information" (ASBJ Statement No. 17, March 27, 2009) and the "Implementation Guidance on Accounting Standard for Disclosures about Segments of an Enterprise and Related Information" (ASBJ Guidance, No. 20, March 21, 2008).

#### (a) Product and service information

Year ended March 31, 2011

		Millions of Yen						
	Steel and Energy	Industrial Machinery	Real Estate and Other					
	Products	Products	Businesses	Total				
Sales to third parties	¥112,915	¥97,664	¥2,349	¥212,929				
		Thousands o	f U.S. Dollars	S				
	Steel and Energy	Industrial Machinery	Real Estate and Other					
	Products	Products	Businesses	Total				
Sales to third parties	\$1,357,968	\$1,174,552	\$28,250	\$2,560,782				

#### (b) Geographical information

¥99,070	¥29,836	¥21,810	¥10,248	¥51,963	¥212,929					
V00.070	V00.000	V04.040	V40.040	VE4.000	V040.000					
Japan	China	Korea	America	Other	Total					
			North							
		Millions	s of Yen							
	Year ended March 31, 2011									
(i) Sales										

Year ended March 31, 2011									
Thousands of U.S. Dollars									
	North								
Japan	China	Korea	America	Other	Total				

## \$1,191,461 \$358,821 \$262,297 \$123,247 \$624,931 \$2,560,782

#### (ii) Tangible assets

The Company has omitted the disclosure of tangible assets by country or region as of March 31, 2011 because the amount of tangible assets in Japan accounted for more than 90% of the carrying amount in the Consolidated Balance Sheet.

#### (c) Significant customer information

The Company has omitted the disclosure of significant customer information for the year ended March 31, 2011 because no individual customer accounted for more than 10% of net sales in the Consolidated Statement of Income.

## (d) Information on loss on impairment of fixed assets

#### Year ended March 31, 2011

Impairment loss on fixed assets by reportable segment for the year ended March 31, 2011 is summarized as follows:

		Millions of Yen						
	Steel and Energy Products	Industrial Machinery Products	Real Estate and Other Businesses	Adjustments and eliminations	Total			
Impairment loss	¥0	¥101	-	¥95	¥197			
		Thousa	nds of U.S	. Dollars				
	Steel and Energy Products	Industrial Machinery Products	Real Estate and Other Businesses	Adjustments and eliminations	Total			
				GIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	TULCI			

#### (e) Amortization and balance of goodwill

The following table presents the amortization and balance of goodwill as of and for the year ended March 31, 2011 by reportable segment:

## Year ended March 31, 2011

	Millions of Yen						
	Steel and Energy	Industrial Machinery	Real Estate and Other	Adjustments and			
	Products	Products	Businesses	eliminations	Total		
Amortization	¥—	¥90	¥—	¥—	¥90		
Balance as of							
March 31	-	64	_	_	64		

	Thousands of U.S. Dollars						
	Steel and Energy	Industrial Machinery	Real Estate and Other	Adjustments and			
	Products	Products	Businesses	eliminations	Total		
Amortization	\$-	\$1,082	\$-	\$—	\$1,082		
Balance as of March 31	_	770	_	_	770		

The following table presents the amortization and balance of negative goodwill arising from business combinations on or prior to March 31, 2010 as of and for the year ended March 31, 2011 by reportable segment:

	Millions of Yen						
	Steel and Energy	Industrial Machinery	Real Estate and Other	Adjustments and			
	Products	Products	Businesses	eliminations	Total		
Amortization	¥—	¥ 71	¥—	¥—	¥ 71		
Balance as of March 31	_	286	_	_	286		

	Thousands of U.S. Dollars							
	Steel and Industrial Real Estate Adjustments							
	Energy	Machinery	and Other	and				
	Products	Products	Businesses	eliminations	Total			
Amortization	\$—	\$ 854	\$-	\$—	\$ 854			
Balance as of								
March 31	-	3,440	_	_	3,440			

## (f) Information on gain on negative goodwill

None applicable

#### Year ended March 31, 2010

#### (a) Business segment information

The Company and its consolidated subsidiaries operate in the following three business segments:

- Operations in the steel products segment include steel castings and forgings, steel plates, pressure vessels and steel structures.
- Operations in the machinery products segment include injection molding machines, film and sheet machinery, blow molding machines, magnesium injection molding machines, waste treatment equipment and manufacturing equipment for electronic products.

• Operations in the regional development segment include the Fuchu Intelligent Park Project and the leasing of real estate.

	Millions of Yen					
Year ended March 31, 2010	Steel Products	Machinery Products	Regional Development	Total	Eliminations and corporate	Consolidated
Sales and operating income:						
Sales to third parties	¥101,736	¥98,164	¥ 1,779	¥201,680	¥ —	¥201,680
Intra-segment sales and transfers	1,653	1,210	6	2,870	(2,870)	_
Net sales	103,390	99,375	1,785	204,551	(2,870)	201,680
Operating expenses	71,749	92,839	1,052	165,641	3,853	169,494
Operating income	¥ 31,640	¥ 6,535	¥ 733	¥ 38,909	¥ (6,723)	¥ 32,185
Total assets, depreciation expense, loss on impairment of goodwill and capital expenditures:						
Total assets	¥145,635	¥85,943	¥12,711	¥244,290	¥78,696	¥322,986
Depreciation expense	10,564	3,329	305	14,199	223	14,422
Loss on impairment of goodwill	_	_	—	_	_	_
Capital expenditures	30,251	1,178	42	31,472	391	31,864

#### (b) Geographical segment information

The Company has omitted the disclosure of geographical segment information for the year ended March 31, 2010 because net sales and total assets in Japan accounted for more than 90% of those of all segments.

#### (c) Overseas sales information

Overseas sales, which include export sales of the Company and its domestic consolidated subsidiaries, and sales (other than exports to Japan) of its overseas consolidated subsidiaries, for the year ended March 31, 2010 is summarized as follows:

	Millions of Yen							
	North							
	East Asia	America	Other	Total				
Overseas sales	¥45,013	¥20,256	¥28,633	¥ 93,903				
Consolidated net sales				¥201,680				
Overseas sales as a								
percentage of consolidated net sales (%)	22.3	10.0	14.2	46.6				

#### 25. Shareholders' Equity

The Corporation Law of Japan provides that an amount equal to 10% of the amount to be disbursed as distributions of capital surplus (other than the capital reserve) and retained earnings (other than the legal reserve) be transferred to the capital reserve and the legal reserve, respectively, until the sum of the capital reserve and the legal reserve equals 25% of the capital stock account. Such distributions can be made at any time by resolution of the meeting of shareholders, or by the Board of Directors if certain conditions are met.

#### 26. Amounts per Share

Net income per share is calculated based on the net income available for distribution to shareholders of common stock and the weightedaverage number of shares of common stock outstanding during the year. Net assets per share are calculated based on the number of shares of common stock outstanding at year end. Amounts per share at March 31, 2011 and 2010 and for the years then ended were as follows:

	Yen		U.S. Dollars
	2011	2010	2011
Net income	¥ 44.54	¥ 47.22	\$0.54
Net assets	322.98	296.13	3.88

## **Report of Independent Auditors**



Ernst & Young ShinNihon LLC

## Report of Independent Auditors

The Board of Directors The Japan Steel Works, Ltd.

We have audited the accompanying consolidated balance sheets of The Japan Steel Works, Ltd. and consolidated subsidiaries as of March 31, 2011 and 2010, and the related consolidated statements of income, changes in net assets, and cash flows for the years then ended and consolidated statement of comprehensive income for the year ended March 31, 2011, all expressed in yen. These financial statements are the responsibility of the Company's management. Our responsibility is to express an opinion on these financial statements based on our audits.

We conducted our audits in accordance with auditing standards generally accepted in Japan. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the financial statements referred to above present fairly, in all material respects, the consolidated financial position of The Japan Steel Works, Ltd. and consolidated subsidiaries at March 31, 2011 and 2010, and the consolidated results of their operations and their cash flows for the years then ended in conformity with accounting principles generally accepted in Japan.

The U.S. dollar amounts in the accompanying consolidated financial statements with respect to the year ended March 31, 2011 are presented solely for convenience. Our audit also included the translation of yen amounts into U.S. dollar amounts and, in our opinion, such translation has been made on the basis described in Note 3.

Ernst & Young Shin Nihon LLC

June 24, 2011

A member firm of Ernst & Young Global Limited

# **Corporate Directory**

## **Stock Information**

Authorized Shares 1,000,000,000 shares

**Issued and Outstanding Shares** 371,463,036 shares

Shareholders 41,423

**Stock Listings** Tokyo, Osaka, Nagoya, Fukuoka and Sapporo

## **Transfer Agent and Registrar**

The Chuo Mitsui Trust and Banking Co., Ltd. 33-1, Shiba 3-chome, Minato-ku, Tokyo, Japan

## Major Shareholders (holding %)

Japan Trustee Services Bank, Ltd. (Trust Account)
The Master Trust Bank of Japan, Ltd. (Trust Account)
Sumitomo Mitsui Banking Corp 3.38%
The Chuo Mitsui Trust & Banking Co., Ltd 2.96%
Mitsui Sumitomo Insurance Co., Ltd 2.38%
Mitsui Life Insurance Co., Ltd 2.27%
STATE STREET BANK AND TRUST COMPANY ···· 1.36%
Hitachi, Ltd 1.36%
Mitsubishi Heavy Industries, Ltd 1.36%
BNP-PARIBAS SECURITIES SERVICES PARIS/JASDEC FRENCH RESIDENTS 1.35%

## **Corporate Data**

Trade Name The Japan Steel Works, Ltd.

Head Office Gate City Ohsaki-West Tower, 11-1, Osaki 1-chome, Shinagawa-ku, Tokyo, Japan

Foundation November 1, 1907

Paid-in Capital ¥19,694 million

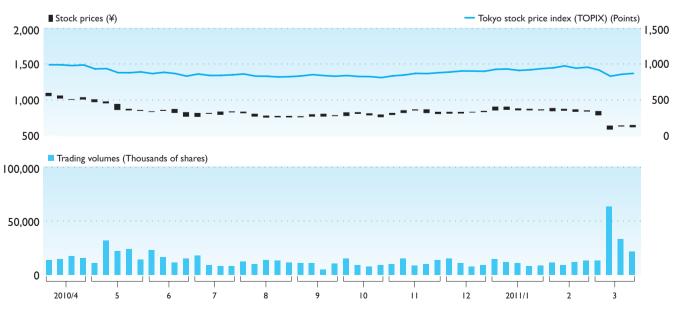
Employees 2,062 (Consolidated 4,880)

## Auditor

Ernst & Young ShinNihon LLC Hibiya Kokusai Bldg., 2-3, Uchisaiwai-cho 2-chome, Chiyoda-ku, Tokyo, Japan

(as of March 31, 2011)

## **JSW's Stock Prices**



# **Offices & Plants**



#### Domesti

#### **Head Office**

Gate City Ohsaki-West Tower, 11-1, Osaki 1-chome, Shinagawa-ku, Tokyo 141-0032 Phone: +81-3-5745-2001 Facsimile: +81-3-5745-2025

#### **Osaka Office**

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#### Nagoya Office

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#### Sapporo Office

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#### **Muroran Plant**

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#### **Hiroshima Plant**

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#### Yokohama Plant

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#### **Overseas**

#### Düsseldorf Office

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#### Beijing Office

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#### **Detroit Office**

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#### Japan Steel Works India Private Limited

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#### JSW Plastics Machinery, Inc.

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#### JSW Plastics Machinery (S) Pte Ltd.

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#### JSW Plastics Machinery (H.K.) Co., Ltd.

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#### JSW Plastics Machinery (M) SDN. BHD.

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