To train plant piping layout engineers, who are expected to be in short supply in the years ahead, the JGC Group company, JGC Plant Innovation Co., Ltd., opened a Piping School in Morioka City, Iwate Prefecture, in April 2007.

Among other people, the school hires high school graduates from the area with an interest in industrial plants and design. After one year of intensive training in basic design techniques at the school, they refine their skills through on-the-job training (OJT) in Yokohama. By 2014, 61 students had graduated and were already accumulating experience through this OJT system.

JGC Plant Innovation established Morioka-based Plant Engineering Morioka Co., Ltd. as a piping layout training center to take on the responsibility for training from fiscal 2013.

Plant Engineering Morioka is taking charge of plant design for some portions of the projects that the JGC Group is working on worldwide. This initiative is attracting local interest within Morioka City, as a measure that is helping to provide young people with stable jobs.
Our Contributions to Society

JGC-S Scholarship Foundation: Support for the Next Generation

Through the JGC-S Scholarship Foundation, JGC contributes to the cultivation of scientists and the advancement of science and technology in Japan and overseas. The foundation was established in March 1968 with an endowment from JGC founder Masao Saneyoshi. Its principal undertakings include the provision of educational loans to Japanese university and graduate students majoring in scientific and technical fields, grants to foreign students studying in Japan, and research funding assistance for young researchers.

As of fiscal 2013, the foundation has provided assistance to a total of 20,233 persons, through educational loans to 13,656 students and educational grants to 6,577 students (1,374 Japanese and 5,203 foreigners studying in Japan at their own expense). The foundation has also provided research funding assistance to a total of 2,118 young researchers. Annual disbursements have reached 331 million and 180 thousand yen. Having set up a special reserve for victims of the Great East Japan Earthquake following fiscal 2012, the foundation is supporting students affected by the 2011 Great East Japan Earthquake. Following fiscal 2012, the foundation is supporting students affected by the 2011 Great East Japan Earthquake. Following fiscal 2012, the foundation is supporting students affected by the 2011 Great East Japan Earthquake.

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Science Classes for Children

With the aim of interacting with and contributing to local communities, JGC Group company JGC Catalysts and Chemicals Ltd. holds science experiment classes every year for elementary school students at its Kita-Kyushu Operation Center in Fukuoka Prefecture.

As a chemicals maker, we hope to pique the curiosity of children in science through these classes and for them to have thoughts of aiming to become researchers in the future. Every year, the classes are so popular that they are filled to their 20-student capacity a day after registration opens.

In 2013, we also held a class for around 20 students from a neighboring elementary school. There are students who attend every year, which makes topic selection difficult, but this time we demonstrated three experiments: the dilatancy effect experience, using potato starch; the −196°C world experience, using liquid nitrogen; and the air cannon experience. The experiments were of great interest to the children, who could not tear their eyes away as they tried to imagine how the experiments worked.

The children worked to first to complete the experiments, and it was very impressive to see them having fun that used all five senses. Moreover, in the “air cannon experience,” the children came up with more and more new ways to play, and you had to admire the abundance of their ideas.

JGC Catalysts and Chemicals believes that the experiments provide children with an opportunity to deepen their interests and that they sense the significance in the fun they derive from those experiments. Looking ahead, the company will maintain its strong relationships with local communities and would like to continue contributing to society.
Our Contributions to Society

Contributing to Project Engineering Management Personnel Training in Singapore

Our local affiliate in Singapore, JGC Singapore PTE LTD, accepts a few college students every year through an industrial attachment (IA) placement program promoted by Nanyang Technological University (NTU), an elite national university established in 1991 by the National University of Singapore (NUS).

In fiscal 2013, during the six-month period from January to June, JGC Singapore PTE LTD’s Process Engineering Division took in two students, one from NUS, and one from NTU. The two university students were provided with the opportunity of on-the-job training with top-class JGC Singapore engineers working on the front line. In addition to being exposed to expert knowledge, the students experienced the intricacies of the EPC business.

Furthermore, the Singapore Economic Development Board (EDB) launched an Engineering Services Roadshow in fiscal 2013 that targets students from both of the abovementioned universities, as part of its plans to train project engineering management personnel. Having also received a request from the EDB, JGC Singapore participated in the initiative and deepened knowledge of project engineering management through Q&A sessions with students and a stand at the roadshow.

JGC Singapore believes it is fulfilling its social responsibility as a member of the local community and would like to support the training of the personnel who will be responsible for the next generation by participating in activities such as this.

Donation for Massive Flood Damage in Indonesia

Extensive flood damage is caused when the annual rainy season arrives in Indonesia, where PT. JGC Indonesia is based. The floods in January 2013, when Prime Minister of Japan Shinzo Abe made his first visit to the country, resulted in extensive damage that was enough to paralyze the functions of capital city Jakarta. The flood damage caused by the torrential rain in mid-January 2014, close to 40,000 people were evacuated in Jakarta alone. JGC Indonesia employees were in the same situation, as their routes to work were submerged in floodwater, and many were unable to leave for work as their homes were flooded.

Under these circumstances, employees at JGC Indonesia played a pivotal role in soliciting donations, contributing to assist those affected by the floods by raising 25 million rupiah (around 250,000 yen) for distribution via the Aksi Cepat Tanggap (ACT) fund and also donating relief supplies.

Employees at JGC Indonesia also take the initiative in other ways. For example, they make local donations to coincide with religious festivals, such as the Islamic Eid-al-Fitr (End of Ramadan), and visit and give donations to orphanages at Christmas time. In Indonesia, acts of giving to the needy are widely performed on a daily basis, and the employees and the company would like to continue to work together to provide assistance in the years to come.
Students Tour of the Donggi-Senoro LNG Project Site

Tours of the Donggi-Senoro LNG Project in Indonesia were held for high school and university students from central Sulawesi. Started in 2012, the program has held tours on 10 occasions, in which a total of 482 students have participated. Another aim is to provide a catalyst for all the students who take part to think about their future careers through the plant tour. In much the same way as social studies field trips are undertaken in Japan, we would appreciate it if all the students were to gain an interest in the oil and gas field from having actually experienced what it is like at the front line.

We also believe that these kinds of events, which are geared toward all young people, contribute just as much to the future of the countries in which they are held. Even if it is only one of the students who took part, it is our hope that we are encouraging a younger generation that has many high aspirations and dreams.

Donation of Relief Funds for Those Affected by Typhoon Haiyan in the Philippines

On November 8, 2013, typhoon Haiyan struck the central Philippines and caused extensive damage.

To provide relief for those affected and to assist in the recovery and reconstruction of the disaster-hit areas, the Company and JGC Philippines, Inc. donated a total of 8 million pesos (approximately 18 million yen) to the GMA Kapuso Foundation established by the major Philippine TV network GMA.

In parallel to the money raised for the foundation, in-company donations were also encouraged, and nearly 1.7 million yen collected from directors, employees, and other people involved. The donation was handed over to the Embassy of the Philippines.

Particularly in respect of natural disasters in areas where it has close business links, the JGC Group would like to continue undertaking activities that assist relief operations.

The handover of the relief funds in the Philippines

The students who took part in a plant tour flanked by company employees.
Sales of Bread Hand-Made in Facilities for the Disabled

JGC is continuing the initiative, started in January 2012, of using the lunchtime period to support sales of bread baked by physically or developmentally challenged people at facilities for the disabled in Yokohama City. The initiative supports the local community near JGC’s head office and provides employees with the opportunity to make a social contribution in a simple way. Aimed at helping Yokohama residents with disabilities participate in society, this project became possible through the cooperation between the city of Yokohama, which supports efforts to address such issues as finding sales opportunities and channels for products made in these facilities, and JGC, which was considering contribution activities aimed at benefitting the area.

Vendors were selected through food tasting sessions and test sales organized by members of related divisions of JGC, and there are currently five facilities (including two facilities on alternating weeks) selling bread on four days a week on a day-by-day rotating basis. The bread is moderately priced, tastes good, and is very popular with JGC staff.

The bread is sold at the lunchbox vending space, on the sixth floor of the JGC Yokohama World Operations Center. Workers from other nearby offices are also welcome to purchase their lunch here, as the space is open to the public (for about one hour from 11:30, on business days only).

Barzan Project
Educational Support Activities for Children at Japanese School in Qatar

The Barzan project in Qatar undertakes educational support activities for children at the Doha Japanese School. All the teachers and children from the Japanese School were invited to the site and given an overview of the project as well as a simply worded explanation of the contribution it is making to the country of Qatar. On the plant tour, in front of a huge structure the like of which cannot be see inside an ordinary school, all the children’s eyes sparkled as they listened intently to our commentary.

Staff from the Barzan project had visited the Japanese School beforehand to give a lecture. They visited the Japanese School to give a pre-tour lecture to get the children, who will play a leading role in the future, interested in or developing a liking for environmental conservation.

They were provided with illustrations of the contribution being made to the environment at the Barzan project, given a simple explanation of the processes, from the familiar sorting of the garbage to the garbage being recycled, followed by a quiz devised so that the children would have fun while learning. Looking ahead, we would like to continue these educational support activities that contribute to local society.
Our Contributions to Society

Sponsorship of the “Fureai Concert-Fostering the Heart” in Yokohama City

Since fiscal 2011, JGC has been a sponsor of the Fureai Concert Series “Fostering the Heart” organized by the Board of Education of Yokohama City. This initiative comes under education and community, two of JGC’s four major CSR priorities.

The Fureai Concert Series “Fostering the Heart” has been held since fiscal 1998 for upper grade pupils of municipal elementary schools and the elementary departments of schools for the deaf and blind as well as for the physically or mentally disabled. The purpose of the concert series is to hone students’ sensibilities through music appreciation and to nurture participants’ qualities and abilities so that they try to live their lives to the full. Greatly appreciated by the children, the concert series is attended by about 33,000 pupils in total (approximately 3,300 pupils per day).

Every year, the concert series includes performances by the Kanagawa Philharmonic Orchestra and organ performances. Also acting as the master of ceremonies, the conductor provides the audience with playful, easy-to-understand explanations of the pieces performed, allowing not only children but also parents and other adult participants to develop their cultural knowledge while enjoying the music.

Social Welfare Grants by the JGC Social Welfare Foundation

The JGC Social Welfare Foundation provides welfare equipment for persons with physical disabilities, as well as funding for support groups and volunteer organizations for senior citizens and persons with disabilities in Kanagawa Prefecture. Established in March 1994, by fiscal 2013 the foundation had made 641 contributions to support groups, 412 contributions to volunteer organizations, and 19 contributions to other groups. In fiscal 2013, the foundation made 50 contributions to support groups, 26 contributions to volunteer organizations, and six contributions to other groups.

Forest Conservation in the Watershed Forests of Kanagawa Prefecture

To commemorate its 80th anniversary, JGC became a watershed forest partner in Kanagawa Prefecture’s Water Source Conservation Project in August 2008 and launched an environmental conservation project that marked its fifth year in 2013. In September 2013, a donation was made to Kanagawa Prefecture and the decision taken to continue as a forest renewal partner in the project for another five years. Through the project, employees of the JGC Group assist with watershed forest conservation while deepening their understanding of the role of watershed forests and the importance of coexisting with nature.

Activities are carried out once a month, and in fiscal 2013 more than 100 employees participated in various events, including forest walking tours and aquatic wildlife observation tours, which gave them the opportunity to enjoy occasional contact with nature in all four seasons. In September 2013, a large bus was chartered for an event that was attended by around 50 people, including the president, employees, and their families. En route, those on board the bus were given an explanation of the significance of watershed forest conservation. Upon arrival at the forest, they were divided into three groups—Tree Thinning, Craftwork, and Forest Walking Tour—under the guidance of an instructor. While exchanges between those present transcended generations and nationalities, all learned about the importance of forest conservation.

We plan to increase our ongoing efforts in environmental initiatives, for example by even introducing forest activities into new employee training.

Many employees participated along with President Koichi Kawana