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Doosan Heavy Industries Viet Nam

Volume 05 No.03

Quang Ngai - Viet Nam

## Bản Tin

# DOOSAN

## Vina News



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**MADE IN VIETNAM**  
MY COUNTRY - MY PRODUCTS - MY PRIDE



# DRIVING PROGRESS

With the World's most advanced products for  
Power, Water, Material handling & Chemical processing



Doosan Heavy Industries Vietnam

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## One Mind, One Voice, One Action



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# Driving the Message Home

## On the Cover

Standing atop a recently completed pressure vessel, Pham Tan Duy and Do Cong Vu give thumbs up signaling the vessel is ready for shipment to the customer in Algeria.

Since commencing operations the Chemical Processing Equipment shop has completed a total of 476 vessels with a combined weight of 16,000 tons that are now busy tuning the Earth's natural resources into everyday products like petrol and shampoo.

Two of the vehicles we use to communicate with our stakeholders at Doosan Heavy Industries Vietnam are "Doosan Vina News," which you are reading now and "DVTV," our in-house video broadcast network.

A couple weeks back DVTV reached a milestone passing the 10,000 viewer mark on YouTube where we post the news episodes. "It was exciting to watch it grow and the closer it got to the 10K mark we were guessing which day it would cross the line," said Trung who shoots most of the video used in the newscasts.

You can check out any of the newscasts by logging onto YouTube and searching for Doosan Vina DVTV. One broadcast, V4N28 features our recent employee festival, but there are many others with information on shipments, clubs, production, the Doosan Way and lots more. The full article can be found on page 30.

And if you want to check out back issues of our other communication vehicle, Doosan Vina News you can log on Issuu.com and search under Doosan Vina.

On the adjacent page you can read about a recent CSR project we are working on with Chung Ang University Medical Center of Seoul, South Korea and Quang Nam Central General Hospital.

Inside you'll find many interesting articles covering the highlights of events that have happened since our last issue. You can read about shipments, our visitors, club activities, our fourth anniversary and new contracts that have been signed.

We hope you enjoy the issue and look forward to hearing your thoughts and ideas.



# Q-Health Program

Dieu Linh

Like the number of days in a week the team of specialists that flew into Central Vietnam from Korea's Chung Ang University Medical Center had seven members. They came to work with the leaders of Quang Nam Central General Hospital (QNCGH) and Hue Medical University (HMU) for "Operation: Q-Health!"

Q-health involves bringing a team of doctors and experts in hospital management to Vietnam. The program has two objectives; one is to provide assistance that can directly help QNCGH improve its medical services and operational effectiveness. The other objective is to plan for HMU doctors and students to study in Korea.

Led by Dr. Moon Tae Young, the team came from the Chung Ang University Medical Center in Seoul, South Korea, a subsidiary of the Doosan Group of which Doosan Vina is also part.

The week long effort between the 15th and 22nd of June is part of a five year several million dollar commitment by Doosan, Chung Ang Medical Center, and

Doosan Vina to improve health care in the region. In support of the team and the program, Doosan Vina supplied five Korean language majors to assist the doctors and experts with translation.

In an interview with DVTV, Dr. Moon Tae Young was asked about the status of QNCGH and what the plan for the hospital was? Moon said, "I believe that in the not too distant future this will be the key hospital in the central region of Vietnam. And I agree with the hospital directors, Dr. Long's plan which is to become the best orthopedics and cardiovascular hospital in the region." Who went on to say, "Everyone at Chung Ang University Medical Center and Doosan Vina are committed to seeing that this objective becomes a reality."

The Quang Nam Central General Hospital was funded by grants of \$35 million from the Korea International Cooperation Agency or KOICA and over \$10 million from the Vietnamese Government. The hospital opened on July 19th 2012.



Dr. Moon Tae Young, leader of the team from Chung Ang University Medical Center speaks with DVTV reporter Nguyen Ngoc Giang Chau



# Doosan Recognized for it's Vision and Leadership



(Above and below) Hang Ha Ryu, Doosan Vina General Director speaks at Investment Promotion for Central Coastal Region Conference in Danang.



Giang Chau

It is rare to receive national recognition for one's expertise, vision and achievements and it is even more unusual when it happens twice in the span of a few weeks! But recently that is exactly what happened to Doosan Vina.

As one of the first and largest Foreign Direct Investments (FDI) in Vietnam, Hang Ha Ryu, General Director and CEO of Doosan Heavy Industries Vietnam was asked to come to Danang on March 21st to address the "Investment Promotion for the Central Coastal Region."

*"I was asked to explain to you why we choose Vietnam for such a massive investment," said Hang Ha Ryu in his opening remarks to the Central Vietnam Investment Conference.*

The conference was organized by the Central Coastal Region Coordination Board and People's Committee of Da Nang City and Hang Ha Ryu's topic was "Why Doosan chose Vietnam and the Dung Quat economic Zone for its \$300 million investment."

The international gathering attracted over 600 delegates to Danang from across Asia and around the world. The people in attendance were there to look at opportunities for investment and to hear first hand from Doosan about why we chose Vietnam's central region and how it is going.

Ryu explained that before coming to Vietnam, "We conducted a worldwide search and chose Vietnam because of a combination of incentives and condi-

tions that no one else could match." In his closing remarks Ryu spoke candidly saying, "yes there have been issues, but the leadership of the country at all levels have worked to solve the issues and we remain convinced that Vietnam was and is the right choice for us."

The second event was the "Import/Export seminar for FDI" in Hanoi on May 14th. At this event the Deputy Minister of Industry and Trade Le Duong Quang, personally recognized and presented Mr. Ryu with an award. The plaque thanked Doosan Vina for its support and achievements in developing Vietnam's industrial capabilities, especially in the area of import and export.

The discussion at the import/export seminar for FDI was held by the Import & Export Department of the Ministry of Industry and Trade so that leaders could come together and discuss measures needed to solve difficulties for businesses so that production and exports would grow in 2013. Hang Ha Ryu speaking to the leaders detailed a couple of opportunities that Vietnam had to ease burdens on FDI's that would help both the companies and the country. His ideas were well received and commitments to study the proposals were agreed on.



Deputy Minister of Industry and Trade Le Duong Quang (left) presents recognized certificate for Hang Ha Ryu (center)



Hang Ha Ryu (2nd right), at FDI import/export Seminar in Hanoi



Hang Ha Ryu, General Director and Kim Gwang Ju, Director of Management & Human Resource Divisions



Hang Ha Ryu (2nd left), at FDI import/export Seminar in Hanoi



# International Children's Day at Doosan Vina



My Hanh

Doosan Vina has always cared deeply for the welfare of children because, as Hang Ha Ryu, CEO and General Director said in recognition of International Children's Day or ICD, "Children are our future and that requires special attention to them and their needs."

Since opening in 2009 the company has provided a great deal of support for children health care and education, including many cleft palate surgeries, hundreds of thousands of vitamin supplements, opened a kindergarten, renovated a local primary school that volunteers painted, repaired the roofs, supplied with books, desks, computers and much more. The children now have a greatly improved learning environment. The support of children is one part of the companies' extensive CSR program that has invested nearly two million USD since coming to Vietnam

Ha Van Hung,  
Trade Union



Kim Yong Soo, DGPD  
and Ho Lam Tieu Ngoc



Students from the Quang Ngai School for the Disabled



Playing games with the children at Doosan Vina



Children at Doosan Dream Kindergarten receive presents on International Children Day

Chairman, said, "The children need the best education and health care possible if they are to be tomorrow leaders of Vietnam's as well as Doosan Vina, so we focus on them and dedicate a lot of resources to children."

In celebration of ICD, Doosan Heavy Industries Vietnam mobilized and sponsored three events. The first was bringing 100 disabled children, their parents and teachers from Quang Ngai Disability School to the company for a day of fun that included a tour, gifts and a special day at the beach.

Another part of the ICD celebration was the one year anniversary party at Doosan's Dream Kindergarten which is at the company's married apartment complex in Van Tuong. Speaking at the event, Kim Yong Soo Deputy General Director said, "Nurturing children is a well established tradition at Doosan and we have followed that principle here in Vietnam since day one," Kim went on to say, "Children are indeed special gifts and should be cared for every minute of every day, but twice a year, once on International Children's Day and again during the Mid-Autumn Festival, the day truly belongs to them and we celebrate and shower them with our love and affection."

The third event was a distribution of gifts for all the 930 children of Doosan Vina employee's. Each child received a special package of cakes, milk and school supplies.

A company spokesperson said, "We believe that every child is precious and we will continue our efforts to see that no child gets left behind or forgotten and we hope that all children in Vietnam and around the world have a very special International Children's Day!"



Park Seung Won, LR Director presents a gift to one of the children



Some of the 930 gift for employees' children

For video coverage of the Event go to Youtube.com  
**DOOSAN VINA DVTV V4N41**



CHÀO MỪNG THẦY CÔ GIÁO, HỌC SINH & PHỤ HUYNH  
TRƯỜNG GIÁO DỤC TRẺ KHUYẾT TẬT ĐẾN THĂM

Ngày 01 tháng 06 năm 2013





# Quang Ngai Investment Conference

Quang Ngai is one of the more successful provinces in FDI development and to continue building on that success and support developers in the province, like the Vietnam-Singapore Industrial Park and SembCorp, provincial leaders organized an investment conference in HCMC.

One of the featured presentations at the June 5th event was a talk given by Doosan Vina's Kim Gwang Ju, Director of the Management & Human Resources Divisions. Kim Gwang Ju was asked to give a candid overview of Doosan Vina's development and progress to the near five hundred domestic and international delegates.

Kim highlighted Doosan Vina's global site selection process, construction and operations to date. The participants were especially keen to hear from Doosan, because as a multinational corporation that made the decision to invest \$300 million in Vietnam and were already up and op-

erating, the company's perspective is highly credible and an invaluable source of information for perspective investors. Speaking from firsthand experience Kim Gwang Ju explained what it took to overcome obstacles and achieve the success we enjoy today. One of the factors that drew considerable interests was when Kim spoke of the cooperative support that Doosan received from all levels of government.

The conference was attended by representatives of the Ministry of Planning and Investment, domestic and foreign enterprises, the Association of foreign enterprises in Vietnam, the Southern Investment Promotion Centre, the Consulate Generals of South Korea and Singapore and leaders of Quang Ngai Province.

Quang Ngai province has attracted 289 domestic and foreign investments representing \$9 billion (nearly 180 trillion VND) to date and many of the representatives at the conference expressed a desire to look further at opportunities in Quang Ngai.



Antony Tan, Director of VSIP Quang Ngai; Vu Dai Thang, Director of the Department for Economic Zone Management; Vo Van Thuong, Secretary of Quang Ngai Communist Party; Cao Khoa, Chairman of Quang Ngai PPC and Pham Nhu So, Vice Chairman of Quang Ngai PPC and Head of Dung Quat EZ.



Cao Khoa, Chairman of Quang Ngai PPC



The conference drew nearly 500 participants



Investors discussing the event



Vo Van Thuong (left), Secretary of Quang Ngai Communist Party discussing investments



# Integration of the Doosan Way



Phạm Thị Sen

**N**urturing and developing the human resources is one of the important aspects of the Doosan Way and “talent as the most valuable asset” is another key concepts of the Doosan Way.

With these in mind the HRD department designed a yearlong comprehensive training program for staff and engineers that will evoke the principles of the Doosan Way program.

In the first few months of 2013 HRD has organized eight training courses involving 465 people.

## PROMOTION COURSE

This course is designed to help the 108 promoted employees in 2013 maximize results in their new roles and tasks so that they can achieve the best results from their new positions. The training revolves around the nine core values mentioned in the Doosan Way and the Doosan Credo. The program works to get commitment from the trainees to apply these core values in their daily work so that we can build a strong Doosan Vina culture.

A highlight of the training was when each group was asked to design and build a Doosan home model that conveys the core values with the material provided. The Doosan homes that were built reflected the unique ideas and understanding of each group.



Nguyen Thi Tuong Vi, EHS (left) receives a present from Le Tan Thao, teacher from Dale Carnegie

## ORIENTATION COURSE

Proper orientation is critical to the development and cohesion of each new employee who enters the company. By definition the course is to map out directions for each new employee to follow.

The first group of 24 new recruits for 2013 went through a two week course to expose them to our labor regulations, corporate culture, business scale, outdoor activities and some other soft skills.

Led by a team of experienced staff with a friendly and open communication method, the new staff have quickly get to know each other and collaborate well as well as showing their strength in the early days.



New recruits start with Orientation

## PRESENTATION SKILL COURSE

A total of 190 students attended the presentation course that lasted three days and aimed to equip them with the knowledge of how to make an effective presentation, build self-confidence and have the ability to control their emotions under stress and to use body language proficiently to help deliver their message to a large audience.



Presentation skills are taught throughout the year

## PROBLEM SOLVING COURSE



Vo Duc Kien, CPE assigns a task for group discussions

Problem solving is an essential skill for each employee at Doosan Vina, especially for managers and so this course is offered several times throughout the year at different skill levels.

The three day course for 90 middle managers was conducted by Nguyen Thanh Tri from the company “Growing Talent.”

After the course, the attendants better understood how to identify problems and analyze the root causes of problems. Throughout the course, the students were given many useful tools and methods to solve their daily issues.

## “FUTURE SCHOOL II” LAUNCHED

Seeing the positive results from “Future School I” toward the strategy of localization, HRD has launched the second course called “Future School II” in the afternoon of May 9th for 28 middle managers.

The trainees will undergo 296 study hours which lasted from May.2013 to November 2014 with 17 built-in programs targeting “Enhancing leadership capacity and behavior, develop management skills based on the Doosan Way, laying the foundation for continued training and personal development.”

Immediately after the ceremony, the first class was officially started at the Training Education. Here, 28 students have experienced the knowledge in the topic “Leadership Breakthrough”. With modern communication style, professor Truong Minh Tu from the

Dale Carnegie Training center has helped the students enthusiastically and actively participate in lessons that can help them master the topic deeply and thoroughly.



Nguyen Thanh Vinh, Nguyen Huu Phan and Tran Khac Tuyen

## ASME SECTION I TRAINING COURSE

The course was for 25 engineers from Design division, QA division, Boiler and HRSG shop. ASME Section I is a section that defines about technical in design, fabrication and checking method apply for boiler and heat recovery steam generator products.

Within 12 hours, the team of lecturers that are the company directors and general managers who have experiences in the actual job here at Doosan Vina have help the engineers to know well all knowledge mentioned in this section.



Yeom Jae Cheol, GM QC BLR & HRSG trains 25 engineers



# VIP's, Visitors and High Level Meetings

Doosan Vina greets hundreds & hundreds of visitors each month. Some come on a site visit before signing contracts, others are here to meet our leaders and still others come to seek advice or help on a problem.

## Korea Consulate General

On April 17th, while on a tour of Quang Ngai operations, H.E. Oh Jea Hack, the Korean Consulate General in Vietnam stopped at Doosan Vina to see how Korean businesses in Quang Ngai Province were doing. With the Consulate General were members of his

team. Mr. Hang Ha Ryu welcomed them and briefed the team on our business. H.E. Oh Jea Hack confirmed that Doosan Vina's development contributed to the cooperation between Vietnam and Korean and he encouraged us to continue the good work.



H.E. Oh Jea Hack, Korean Consulate General (3rd left) with Doosan Vina's management at the company port

## National Assembly Commission of Science, Technology and Environment

Fifteen representatives of The National Assembly Commission on Science, Technology and Environment came to Doosan Vina on April 04th.

The delegations led by Mr. Phan Xuan Dung, who is a Standing Member of Congress and also Chairman of the National Assembly Commission of Science, Technology and Environment, came to see what a high tech operation like Doosan Vina was like, examine our technology and observe the steps we take to ensure environmental protection.

Mr. Hang Ha Ryu, CEO and General Director spoke of the policies and decisions by the Prime Minister on the program to localize design and production of equipment for thermal power plants as well as those in the Key Mechanical Program or KMP of which Doosan Vina's products have been certified under.

Mr. Phan Xuan Dung listened intently and promised to look into the matter and make recommendations to the National Assembly based on Mr. Hang Ha Ryu's frank discussion.



Doosan Vina leaders and Vietnam National Assembly Commission of Science, Technology and Environment

## Korea Finance Corporation



Song Chi Wook, Boiler Director with KoFC team

On May 9th, two leaders of the Korean Finance Corporation visited with Hang Ha Ryu, CEO, Kim Yong Soo, Deputy General Director and Lee Byoung Hwee, our Chief Financial Officer. The Korean Finance Corporation provides funding for Korean enterprises who are engaged in foreign development projects. The leaders toured the company and observed some of the work in progress. During the meetings our team spoke of upcoming projects that Doosan Vina is considering that may fit into the funding criteria of the Korean Finance Corporation.

## Pham Van Dong teachers

Mr. Park Seung Won, Director of Labor Relations welcomed Mr. Chau Van Luong, Vice Principal of Pham Van Dong University and 17 professors to Doosan Vina. The May 7th visit was a preliminary step in the process to signing a memorandum of cooperation that was being considered between the parties on training and the hiring of graduates.



Vo Thanh Hoa (blue hat) with Pham Van Dong teachers

## VTV crew records a feature on Doosan Vina's usage of the E-Customs program



VTV crew interviews KH Lee (center) on how LS uses the e-customs system

A video crew from VTV came on May 15th to our Dung Quat complex to conduct an interview with Lee Kee Hwan, Logistics Support General Manager on our use and application of Vietnam's e-custom control system. They interviewed Mr. Lee and filmed his team as they used the E-customs system. It was shown on VTV2 on May 22nd. We were chosen because we are an excellent example of how best to use the program. By filming and promoting our use, Customs demonstrated the positive benefits and value of the program.





# Over 10,000 Tons of Product Shipped

By: Giang Chau

The sea lanes of the East Sea off Vietnam's coast are one of the busier shipping routes in the world and between the middle of March and the middle of May 2013 Doosan Vina made them even busier. Over this period 16 ships have docked and opened their holds to take on "Made in Vietnam" cargo.

Boiler contributed nearly 4,000 tons to the total and Material Handling Systems and Chemical Processing Equipment also sent tons and tons of their products to countries around the world

The Mong Duong II thermal power plant being built by Doosan in Vietnam's Quang Ninh province accounted for ten shipments and approximately 4,000 tons of Boiler and MHS products alone. Boiler also shipped pressure parts, piping and silencers as part of two 600 MW boilers for the Mong Duong II project while MHS shipped structural equipment for the project.

MHS was also busy completing the RTGC contract for the Port of Danang in Vietnam after sending 165

tons of the RTGC to the port in mid-April. This RTGC will lift and move 40 tons containers and it will greatly improve the capacity of Vietnam's central gateway port.

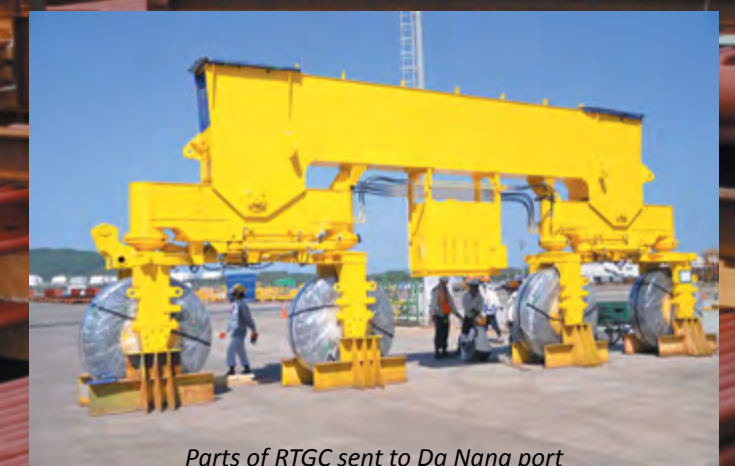
CPE continues to churn out product and sent a total of 35 pressure vessels weighing nearly 4,000 tons that required five shipments to projects in Singapore, Australia, Saudi Arabia and Turkey.

One of CPE's shipments was when 23 pressure vessels, distillation towers and reactors went to Singapore on March 26. This concluded the contract for 37 pieces of precision equipment that took eight months to fabricate.

The CPE team also shipped 11 tons of pressure tanks to Australia on April 4th which ended the QC LNG project for Bechtel and in addition they sent nine distillation towers to the Wasit project in Saudi Arabia. And in late April and early May, CPE sent out more than 2,500 tons of pressure vessels and heat exchangers to the Tupras project in Turkey and the Sadara project in Saudi Arabia.



A pressure vessel is being transported to the port



Parts of RTGC sent to Da Nang port

CPE shop sent nearly 4,000 ton of products to worldwide market



# More Vietnamese Promoted to General Manager

*Localizing the management team is one of the important goals of the company. To achieve that target, the company has been investing heavily in training programs and courses to foster skills that will facilitate a transition to Vietnamese management of the company.*

## Nguyen Tan Tien, GM Inventory Management

**“Everything is possible.”**



Nguyen Tan Tien

**A**s the department that controls the material used to manufacture the company’s products Inventory Management or IM, plays an important role in assuring production stays on schedule. “I consider all departments, divisions and shops in the company to be our customers, so, we in IM are always thinking ways to satisfied them, those are the guiding principles that we use to keep us on track and performing well,” said Tien.

His personal motto “everything is possible” helps him to keep a positive attitude and solve many problems. Tien said, “Most of us at Doosan Vina are young, that is our advantage and we should use these years to develop ourselves for the future so that our Korean mentors can return home to their families and we can be the next generation of mentors.”

“I believe that by applying the Doosan Way, we can remove barriers such as language, culture, position and more that are holding us back as individuals and a company.”

## Ngo Thanh Ca, GM Technical Education

**“Experience to mature”.**



Ngo Thanh Ca

**W**ith a reputation for being an enthusiastic and responsible person who always completes his assignments efficiently and effectively, Ngo Thanh Ca, the new General Manager of Technical Education department is well thought of among the leaders of the company.

“We will be motivated to work hard and do our best when we have a clear purpose and that is why I feel it is important for each person to set goals for each stage of their life so that they will be successful,” said Ca, who continued, “It is too early to say that I am successful at Doosan Vina because there are still many challenges ahead, but I think enthusiasm is essential for me and everyone. If we have enthusiasm, we’ll get the necessary education, training and experience to accomplish our goals.”

Along with his nine employees, he manages the training of new employees and the welder’s proficiency certification. Since he joined the company more than 2,100 employees have been trained by Ca and his team at the Technical Education Center. This virtual army of workers is now contributing to the

success of the company by using the skills they learned to produce the high-tech products of Doosan Vina’s five factories.

Explaining his management style, he said: “Self-discipline and co-operation are two attributes that I cherish and look for in my team. These characteristic help us work more effectively and that translated into the best possible training for our students.”

*To date, Doosan Vina has five Vietnamese General Managers. The first, Mr. Vo Hoang Thong, General Manager of HRM & HRD department was promoted in 2011 and recently four more elevated to the title of General Manager. The four newest GM’s are:*

## Vo Xuan Hong, GM Facility Management

**“Life is always changing, it is just a matter of how we adapt to it.”**



Vo Xuan Hong

**O**n May 2nd 2013, the Facility Maintenance Department officially had a new General Manager, he is very young both literally and figuratively. At 33 Vo Xuan Hong is young, but to look at him you may be inclined to think he is only 25, because he looks even younger than his years.

In the introduction of FSD it says that the FM department is responsible for maintaining the facilities and systems throughout the company. This includes: all five factories, the main office, the dormitories, married couples apartments and our four cafeterias.

“Managing a team of 72 who work in different areas all across the 110 hectare complex is difficult and if we didn’t pull together it would be near impossible. I really appreciate the effort and good attitude that everyone on the team brings to the job, I want them to know that I think they are excellent and I’m proud of them.”

Jogging is one of his favorite ways of staying in shape and releasing the stress of the day. “Jogging not only helps me relax but it also clears my mind and gives me time to think and solve problems that I otherwise couldn’t see.”

Developing himself to become a Doosan Way style leader is his goal and he wanted to tell everyone to: “Always try your best and you will be recognized.”

## Nguyen Tan Hong, GM HRSG Production

**“Nothing ventured, nothing gained.”**



Nguyen Tan Hong

**A** 2003 Graduate of Ho Chi Minh University of Technology Nguyen Tan Hong joined DV in March 2008, and has worked for five years in the HRSG shop before becoming one of our younger GM’s at the age of 35. Supervisors say he is enthusiastic, hard working and ambitious. His management style is very precise and he always outlines his goals by ranking them as short, medium and long term which as a leader of 150 employees he will be able to use effectively to meet the production schedule.

“Team work and brainstorming are two of the tools I use to manage because I believe that everyone has strengths and weaknesses; If I can use the utilize the strengths, while working to improve skills that someone is weak in we have a win-win situation.” Hong said.

When we asked him what his five year plan entails he told us, “My five year goal is to perfect my management skills and climb to a higher position, I am thankful for this opportunity to work, study and grow. I think that everyone at Doosan Vina is given the same chances and we should be optimistic and try our best.”



# Four Years of Growth & Success



Tran Quang Khoi, Nguyen Thanh Vuong and Nguyen Thi Thu Van

In the four years since our grand opening, on May 15th 2009, Doosan Vina has grown steadily. The company has made significant contributions to the economic development of Quang Ngai as well Vietnam's reputation as a power in the field of heavy industry.

Doosan Vina's heavy industrial complex required a capital investment of \$300 million and is located in coastal Central Vietnam on 110 hectares in the Dung Quat Economic Zone. Groundbreaking took place in February 2007 and after only 27 months of construction, equipping and staffing, Doosan Vina was officially opened.

Economically, Doosan Vina means a great deal to the local economy. Since opening Doosan Vina's exports are approaching a billion dollars in product value and the multiplier effect of the company's payroll and other factors is estimated to have an economic impact of \$65 million dollars per year.

In regard to being a socially responsible corporate citizen we have consistently been supportive of the local community conducting various Corporate Social Responsibility programs that now totals nearly \$2 million and includes health care for almost 10,000 people, \$120 thousand in donated medical equipment to local hospitals, renovation of a primary school, scholarships for hundreds of university students, building houses, repairing bridges and donating a near \$1 million desalination plant and generators to end An Binh island's dependence on rain water.

The Doosan Vina complex included five factories; a purpose built port, a main office, a technical training center, dormitory and an apartment complex for married employees. Currently we employ nearly 2,500 Vietnamese that are the most skilled, passionate, creative, technically proficiency and experienced people in the of heavy industry.

## BOILER



A Boiler for Mong Duong II

Boiler is our factory that designs, engineers and manufactures the most modern boilers in the world today. To date the shop has produced boilers with a generating capacity that exceeds 10,000 MW. That is equivalent to half of the total power generation capacity of Vietnam. Currently "Made in Vietnam" boilers are hard producing electricity to fuel the development of Brazil, Egypt, Thailand, Saudi Arabia, India and Vietnam.

## HRSG



The Nhon Trach II HRSG built by Doosan Vina

By capturing wasted energy and turning it into electricity, the earth friendly heat recovery steam generator helps save money and increase the efficiency of a typical power plant by 30%. Doosan Vina's HRSG's are now operating worldwide in Vietnam, Romania, the United Arab Emirates, Saudi Arabia, France, India, Israel and Turkey

Today all five Doosan Vina products are included on the list of Vietnam's Key Mechanical Products or KMP. This program raises the level of competency of Vietnamese and helps the government in their drive to localize and develop a Vietnamese heavy industrial manufacturing sector.

## MHS

If you need to load or unload 40 or 65 tons cargo containers there are only so many ways to solve the problem and Doosan Vina's MHS shop is one place that can certainly be the answer. To date, MHS has completed and delivered 56 mega cranes to customers worldwide. The total includes 45 rubber tired gantry cranes and 11 Rail Mounted Quayside Cranes. These giant cranes are the heart of the global logistics and the cranes made in Vietnam are now moving billions of tons of cargo in Singapore, Indonesia, India and Vietnam.



A RMQC bound for Singapore

## WATER

Seawater desalination is an industry that is expected to grow exponentially in the years to come as the availability of fresh water shrinks and populations increase. The high tech football pitch size Desalination Evaporators made by Doosan Vina weigh over 4,000 tons and are each capable of producing 91 million liters of fresh water per day. The massive units are central to the desalination industry today and are satisfying the thirst of millions of people in the Middle East. In total Doosan Vina has been awarded contracts to produce 9 nine desalination units with a total production capacity approaching a billion liters of water per day.



4,000 ton desalination unit for Saudi Arabia

## CPE

The chemical processing equipment engineered and fabricated by CPE is used to turn the earth's natural resources into useful goods such as petroleum, natural gas and the shampoo that we use every day. CPE's skilled workforce has manufactured and shipped 476 vessels that in total weigh nearly 16,000 tons. The shipped equipment is now working in 12 countries such as Italy, Saudi Arabia, Algeria, the Philippines, Singapore, Thailand, Turkmenistan and others.

A recent milestone saw CPE's products added to the Vietnamese list of Key Mechanical Products and with CPE's inclusion, all five of Doosan Vina's main products are now on the list which helps determine which companies can supply products for domestic projects.

Another significant achievement is the creation of nearly 4,000 technical innovations created by the Vietnamese staff at Doosan Vina. These innovations save money and man hours in the manufacturing while enhancing the safety of employees.

As a Vietnamese company Doosan Vina is committed to being a part of Vietnam's growth and development and becoming the leading provider of the above five products. Come watch us grow and be a part of the Dream!



CPE high tech pressure vessels for Turkmenistan



# As Club Membership Grows... So Shall the Employee

A complete person is one who has diverse interests and expands mentally and physically. At a recent ceremony to launch the new clubs, Kim Gwang Ju Director of the HR and Management divisions emphasized the positive effect that the clubs have on the performance at both work and in the personal lives of our employees. Our ever growing list

of clubs and membership has now grown to 23 clubs and includes over 500 employees, or around 20% of our staff. The variety of interests covers a wide spectrum and ranges from dance to martial arts and on to clubs that focus on things like improving their English or Korean.

## Fitness Club

The Fitness Club was established on March 28th with 17 members and is led by Nguyen Tan Vu of CPE, who said “Bodybuilding is a sport that gives us a toned body, good health and mental clarity.” One of the clubs members won the Mr. Doosan title as the most finely tuned body at Doosan Vina’s One Mind Festival.

The club meets in exercise room on the ground floor of dormitory C at the complex’s Dung Quat location on Thursdays. There are all sorts of professional training equipment such as free weights, stationary bikes, treadmills and much more.



Nguyen Trong Tai - CPE

## Billiard & Van Tuong Football Club

There is nothing like a gentlemanly game of billiards after a stress filled day to relax and change perspectives. On June 13th a Billiard Club was launched that will allow its eight charter members ample opportunity to relax, test their skills and practice up for tournaments with other clubs in the area. Leading the

club is Phan Xuan Phu of CPE and all are welcome.

Opened at the same time with Billiard was Van Tuong football club which is leading by Do Minh Hieu, MHS. Its 20 members meet twice weekly at Van Tuong Apartment stadium and this marks the 23rd club at Doosan Vina to date.



Phan Thanh Thao - CPE



Van Tuong Football Club and Thai Minh team in a friendly match

## Tennis Club



Tennis club members show their happiness

With its 23 charter members, the Tennis Club officially launched in the auditorium on April 25th. This is the 2nd club after the Basketball Club in Doosan Vina where the number of Korean members outnumbers the Vietnamese members.

At the founding ceremony, members of the Tennis Club adopted regulations and met with their executive committee members and Lee In Gi was appointed club chairman. The club meets on the Van Tuong tennis courts on Mondays after work.

## Design Football Club

The Design football club started at the same time as the fitness club and right from their inception, they proved their resolve and skill by advancing to the semi-final round at the 5th Doosan Vina championship. Heading up the club’s 22 members is Tran Thanh Tam.



Design football club members

## Basketball “Friendly”



Doosan-Vina’s basketball and Quang Ngai players

The “Friendly” match held on the Van Tuong Apartment basketball court on May 2nd was the first outing for the newly formed basketball club. The Doosan Friends hosted a team from Quang Ngai. The Quang Ngai team was a much younger group on average but in the end, after 40 minutes of play, experience over came youth and the Doosan Friends prevailed 57 – 50.

### Management board of five newly formed clubs

Chairman	Vice Chairman	Secretary	Contact point
<b>1. Fitness club</b>			
Nguyen Tan Vu	Pham Phu Loc	Nguyen Thanh Vu	Phu Loc - 3110
<b>2. Design football club</b>			
Tran Thanh Tam	Cao Thai Nguyen		Thai Nguyen - 3102
<b>3. Tennis club</b>			
Lee In Gi	Kim Woong Min	Jung Han Gi	Jung Han Gi - 1029
<b>4. Billiard club</b>			
Phan Xuan Phu	Hoang Ngoc Si		Xuan Phu - 1529
<b>5. Van Tuong Football Club</b>			
Do Minh Hieu		Pham Duy Dung	Duy Dung -1734



# The Facility Support Division Keeps it all Humming!



Nguyen Anh Thanh checks power figures at control station

By: My Hanh

The five shops at Doosan Vina all depend on support services from the Facility Support Division or FSD to complete their projects. Setting up a centrally located and team of highly trained professionals to supply supporting services was not only logical but the most cost effective solution.

With hundreds of mega high tech machines and over 335,000 square meters of enclosed space spread all across the 110 hectare complex having a dedicated team to oversee these important functions is the most efficient way of assuring everything is functioning up to original installed specifications.

FSD has two departments: Facility Maintenance and Machine Main-

tenance and the mission of the FSD team is to carry out their duties so that production can proceed on schedule and without interruption.

## FACILITY MAINTENANCE

FM consists of 75 members responsible for maintaining the facilities of the entire company. That includes all manufacturing operations, the dormitory, Van Tuong family apartments and the four restaurants. FM's four main sections are: Civil, Utility, Electrical and general Facility Maintenance.

The Civil Section has six engineers who oversee the design and planning for the new construction and are responsible for management, maintenance and repairs to;

all buildings and structures, roads, drainage and the sewer system.

FSD's Utility Section is responsible for controlling and maintaining the gas, pneumatic, potable water systems needed for use at the company. All are critical to staying on track and meeting production targets.

Power is an absolute must in the cutting edge fabrication that takes place at Doosan Vina and the Electric Section sees that the lights are always on and the needed amperage is available so the skilled technicians can produce the Doosan



Luong Minh Tuong repairs a light

brand that is world famous for quality and durability. On a monthly average the company uses over two million KW so the FM not only assures a steady supply but manages power conservation and calls on everyone to save electricity whenever possible.

The last section is Facility Maintenance. This team is responsible for maintaining and repairing air conditioners, alarm systems, security cameras, waste water processing and the shot blast system for painting preparation.

## MACHINE MAINTENANCE



Nguyen Tan Thong performs maintenance

Last, but certainly not least is the Machine Maintenance team who make sure that: the massive as well as the miniature, the expensive high tech CNC machines (several cost well over a million USD each) and the low tech machines are all at peak operating performance when operators turn them on. With a total of 106 employees in six sections MM is responsible for two main duties; one is maintenance and the other is repairing machines that have become inoperable.

Maintenance is certainly the focus of the team because proper maintenance lessens downtime, reduces cost and improves overall production.

The final branch is responsible for recommending acquisitions of new equipment while maintaining and repairing existing equipment such as forklifts, trucks, trailers, cranes



Machine Maintenance office



Performing regular maintenance on equipment

and a fleet of vehicles to transport materials and employees.

"We are ready whenever you need us" says FM, and MM's motto is "Best support – Best Teamwork." This dedication and diligence to

mission allows the management and technicians at Doosan Vina to rest assured knowing that the Facilities Support Division is on the job without exception.



Facility Maintenance

Machine Maintenance



# Vietnamese Skill Key to New Contracts



Diêu Linh

Shortly after breaking ground on the complex our first orders were signed signifying to the world that we were open for business.

The brand prestige and global reputation of Doosan were crucial in those early days, but as more and more “Made in Vietnam” Boilers, Material Handling Systems, Heat Recovery Steam Generators, Desalination Evaporators and Chemical Processing Equipment have been shipped, Vietnam and Doosan Vina have become a renowned and reliable source for the high tech equipment needed in global infrastructure projects.

Following on the success of the two 800 MW supercritical boilers made for the Kudgi India thermal power plant another Indian contract was signed to provide two more 800 MW boilers for a supercritical coal-fired thermal power plant in Lara India.

The 800 MW boiler will be installed at the Lara power plant located in the State of Chhattisgarh in Central



Doosan Vina representatives and leaders of DPSI

India. The supercritical once through boiler will provide 2,550 tons of steam per hour and operate under extreme temperatures & pressures. Temperatures will reach 569 degrees Celsius and attain pressures of 271kgf per square centimeter.

Fabrication of these boilers provides valuable experience for Vietnamese engineers and technicians in the design and manufacture of high tech boilers required for the power industry.

Another contract to design, engineer and build four 4,400 ton multi-stage flash desalination evaporators that are part of a mega multibillion dollar power and water project near the Saudi Arabian city of Yanbu.

This virtual oasis will be built in Vietnam and the four “plug-n-play” units that will each be the size of a football pitch will produce enough water to meet the needs of approximately 1.2 million people. They are scheduled to be shipped intact from our dedicated and purpose built port in 2014.

The Yanbu project in Al Madinah Province, Saudi Arabia is the largest of its kind ever undertaken and Doosan was selected because of its cutting-edge desalination technology and vast experience in the field. The four desalination units in this project will be among the world’s largest ever engineered in both size and production capacity.

Each unit will desalinate enough seawater to produce 91 million liters per day, or approximately 364 million liters of fresh potable water in total which will



A 4,000 ton desalination evaporator moves to the port for shipment

meet the daily needs of millions in Saudi Arabia. Each unit will be: 16 meters high x 33 meters wide x 139 meters long.



A Boiler coil ready for shipment as several Rail Mounted Quayside Cranes and Rubber Tired Gantry Cranes are being completed in the background



# Doosan Vina News Briefs

## Da Nang University Campus recruitment



Candidates study the latest company brochure

The Human Resource Management Department recently completed a round of interviews on the campus of Da Nang University of Technology to recruit talented employees. The recruitment lasted for two days on May 22nd & 23rd and attracted 350 engineers from the University's schools of Mechanical, Civil and architectural Engineering.

Before the interviews, which were based on criteria from our Doosan Competency Model and Doosan Way programs, the candidates were given an introduction to the company and given an opportunity to ask question of Vo Hoang Thong, HR General Manager about the company and the jobs being offered.

## Change Agent Benchmarking

A Change Agent (CA) benchmarking program occurs every two months at Doosan Vina so that CA can learn and share from each others experiences. It is also a chance to meet and discuss problems through presentations, discussions and field inspections.

This time the program began on May 15th at the HRSG shop with HRSG's CA Vo Quang Huy sharing their achievements in 2012 and their plan for 2013. His focus was on effective methods to approach CA targets. He also led a discussion on problem-solving and reviewed their best Kesons.



Mai Ngoc Ha and other Change Agents work on a project

## MOU signed with Pham Van Dong University

To ensure an adequate supply of manpower and to raise the talent quality, Doosan Vina recently signed MOU's with vocational schools and colleges throughout Quang Ngai province. The most recently was signed with Pham Van Dong University. There was also an article on this in DV News V5N1.

The signing took place at the school on May 9th. This program not only assures the manpower supply but also is an opportunity to develop a relationship with the schools to be sure students are receiving the training that will enable them to function properly at Doosan Vina.

The school's Vice Head Master Chau Van Luong said "This is an opportunity to improve our image among parents and students, because students are guaranteed jobs after graduation"



Park Seung Won (right), LR Director and Chau Van Luong, Vice Principal of Pham Van Dong University sign MOU

## Doosan Family Camp

Fifty family members of the company's Korean directors came to visit Doosan Vina so they could see first hand where and what their husband's & father's do and work.

The families were welcomed by General Director, Hang Ha Ryu and OE General Manager, Jung Hyun Jin.

The group toured the complex and enjoyed a lunch of Korean food prepared by Vietnamese chefs in the cafeteria that their fathers and husbands frequent daily before heading back home.

## Exercise team goes on the road and produces a video

Morning exercise is an important part of the culture at DV and it is a good way to stretch and get ready for the days work. To be sure the exercise was achieving its objectives and following the proper routine EHS in cooperation with Administration organize a demonstration team that could lead employees on the proper procedures.

After touring and the demonstrations were completed, a video was made that is posted on the company portal so it can be uploaded and used as needed.



New exercise program is put in action



Families of Korean staff visit dedicated port facility



# On the Road to Excellence

By: Khac Tuyen

## One Point Lessons

One way to shorten the learning curve is to simplify the process and the One Point Lesson or OPL accomplishes that objective. The recent "Skill Improvement through One Point Lesson (OPL)" program for engineers and office staff ran from April 8th to May 17th and was designed to advance workflow and instill a habit of formalizing work processes in a manual so employees could easily understand how things were done as well as shortening the learning time for newcomers.

An OPL is a lesson, a form of education or training that teaches through personal experience the

best practices on a point of knowledge. OPL "Know How's" can be varied ranging from the skills needed to use the ERP system to the best method for of NDE inspecting, or PC skills and office work...

The OPL program had a 97% participation rate by section and it motivated employees to share knowledge and skills with fellow engineers and/or staff. This resulted in an impressive 2,181 OPLs being created which averages to 3.44 per participant. OPL was also responsible for the creation of the now widely popular E-library on the Portal. In addition to the E-library many sections have their own methods to manage, learn and ensure continuous OPL updates.

At the closing ceremony, a total of eighteen prizes

were awarded. Three sections were recognized for "Excellence" while fifteen sections received "Good" awards.

"This is a great program. By using OPL's and the resulting interaction among coworkers I was able to learn a lot of useful knowledge and skills. If I have a question I can easily find the necessary OPL on the E-library," said Engineer Nguyen Van Thach, MHS.

## 5S improving working environment

Occurring simultaneously with the OPL's was the 5-S event that is tailored to the needs of workers. The 5-S program originated in Japan and the five "S's" originally in Japanese: Seiri, Seiton, Seiso, Seiketsu, and Shitsuke translate loosely in English to: Sorting, Set in order, Shine, Standardize and Sustain. Although the 5-S program is uncomplicated it is very effective in achieving the objectives of creating a focus on and improvement in Quality, Costs, Delivery, and Safety.

With the guidance and support of the OE Department and our Change Agents, 141 out of a total of 142 worker groups participated in the event. In all there were 1,763 Kesons created and an 11 point rise in the 5S workplace evaluation scale.

A field based assessment of 5-S awarded 39 million Vietnam Dong to six Excellent and thirty Good certificates to worker groups that participated in the program.

"5-S awaked us and focused our attention on the need for an organized, clean and safe working envi-



Tran Khac Tuyen and Ngo Thi Tu Uyen



Hang Ha Ryu, GD (right) and Kim Yong Soo, DGPD



Eighteen awards were presented



Flowers & gifts bring smiles of satisfaction



Nguyen Thanh Vinh is interviewed by DTV reporter

ronment, our team has changed a lot because of the program, one area that has really helped is the reduction in wasted time looking for tools," said Nguyen Minh Khai, Chief Worker, Production 1-Press, CPE shop.





# DVTV Reaches Important Milestone!



**D**VTV is the call letters and acronym for Doosan Vina Television, the in-house news channel of Doosan Heavy Industries Vietnam. DVTV newscasts are broadcast twice weekly and feature a wide selection of topics that are of interest to employees and management alike. Subjects range from breaking news on contract signing, VIP visits, safety, sports and events like the annual One Mind Festival.

DVTV launched in 2010 and was initially posted on Doosan-vina.com. At that time we were producing a couple newscasts a month. Late in 2011, we increased the frequency and thought that we could reach a much larger audience if we also posted it on YouTube, which would make the news available any-time anywhere to anyone worldwide. It is especially helpful if you want to share your starring role on DVTV with friends and family. Copy the link, paste it in an e-mail and instantly your fame can be spread far and wide.

The channel was so well received that in 2012 management decided that we should increase the frequency to twice a week. With that decision we invested in and hung 30 wide screen flat television monitors that now ring our four cafeterias. While crews hung the TV's we ramped up production, recruited on air talent and began rolling out our now familiar bi-weekly newscasts.

It took awhile for the YouTube idea to catch on, but steadily the number of people tuning in to DVTV on YouTube has increased and the pace of growth has multiplied until on May 21 we passed through the 10,000 viewer threshold.

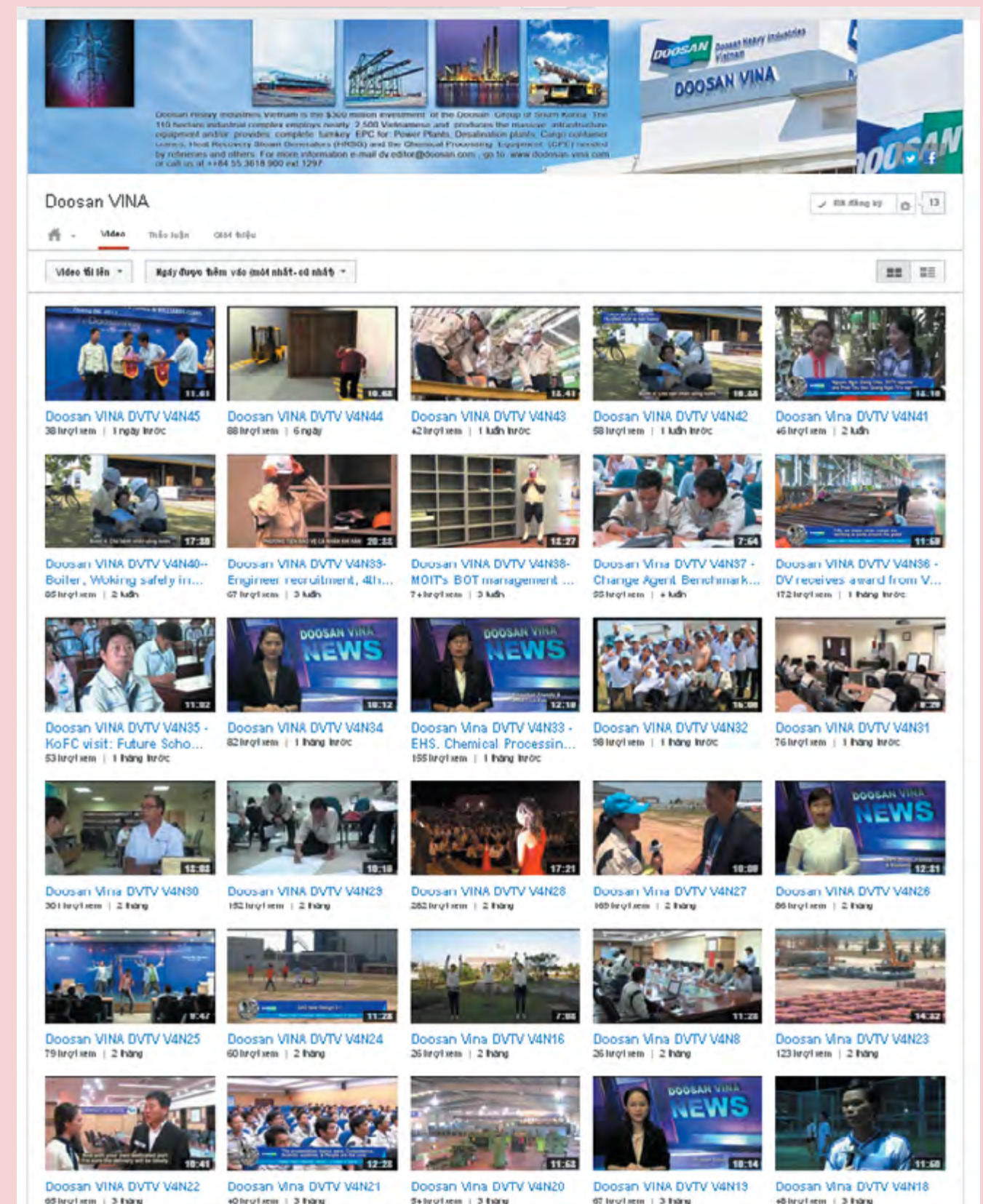
If you have missed any of the broadcasts or would like to take a trip down memory lane, simply log onto YouTube.com and search Doosan Vina. We have two channels, one features the older productions and the newer ones are easy to find under Doosan Vina DVTV. Today's broadcast can be viewed on YT at: Doosan Vina DVTV V4N38. Thanks for your support and if you have ideas on how we can increase our YT viewers please let us know, and as always if you have story ideas we'd love to hear them.



DVTV is broadcast during lunch at the complexes four cafeterias



(L-R standing) Lee Byoung Hwee-CFO, My Hanh-Newscaster, Hang Ha Ryu-GD, Dale Gerstenslager-GM PR, Lee In Tae-PID Director, Huyen Trang-PR, (Kneeling L-R) Thanh Hai-Photographer, Thi Sen-PR, Dieu Linh-Manager PR, Su Thang-Designer, Van Trung-Videographer.



A sample page from Doosan Vina on YouTube.com showing some of the many DVTV newscasts.



# Honoring the Vietnamese Workforce

In celebration of the contribution labor makes to local, regional and national development the Dung Quat EZ Authority and Trade Union held its annual "Workers Day Festival" at the Cultural & Sport Center in the Dung Quat Economic Zone (DQEZ). The June 7th event saw teams from 18 DQEZ companies gather for a day of fun and friendly competition.

The festival lasted for over 10 hours, starting at 7am and not finishing until 11pm. The festival is a time for people who work at different area businesses to meet, interact and share experiences, It was also a chance for the 600 who participated to have a bit of fun and show off their company's brands and products.

Doosan Vina's team of 30 set up an eye catching camp that displayed the company's products, facilities and people. Copies of the company's magazine,



Mai Van Thanh Vice Director of Dung Quat Economic Zone



Memorial flags and flowers are presented



The event hosts grade the displays and exhibits

Doosan Vina News were distributed, the new introduction film was shown and past broadcasts of our in-house news channel, DVTV were screened.

To share and welcome all at the festival the Doosan Vina Team brought 1,200 treats to give to the other teams and players.

In all 53 prizes were awarded to individuals and teams who competed in the games. The Doosan Vina team picked-up two awards. One award was for having the best camp at the festival and the other was for teamwork.

At the end of the day a bonfire was lit and new friends and old buddies shared a song around the fire as a team of entertainers from Doosan Vina thrilled the crowd with a rousing rendition of the Korean Pop phenomenon "Gangnam Style."



Tran Quang, Chairman of Dung Quat EZ Trade Union lits the fire



Nguyen Trung Tin and Nguyen Van Hieu in tug-a-war



"Gangnam Style" shakes the crowd



Le Thi My Anh (center), Boiler in the sack race



The festival field of competition



Doosan Vina's representatives in front of their camp



## BLACK BELTS FOR TAEKWONDO CLUB

By: Pham Thi Huong

On 01.June.2013, Mr. Nguyen Ngoc Hung, Commissioner of Vietnam Taekwondo Federation and several Masters of the Quang Ngai Taekwondo Association arrived at DV to monitor Taekwondo Testing for 17 members of Doosan Vina's Security Department.

Taekwondo is the art of using the body as a weapon to defend oneself. The 17 candidates entering the test had to pass seven sections that included ten basic punches, four basic kicks and the basic *pumse* of Taekwondo. In addition the candidates had to spare with another, demonstrate attacking and defending, free style fighting, pushups and perform a three kilometer run. The judges watched the applicants for spiritual connection, defense skill and their ready position.

At the conclusion of the testing all 17 candidates from Doosan Vina's Security Department achieved their Black Belt. The success is the result of a stringent practice regime, hard work and 11 months of training.

Le Minh Khai, DV's Taekwondo teacher gives detailed practice plans to each members of the Taekwondo Club and says that all of the members can receive their Black Belt next year.

In Taekwondo, the Black Belt is the symbolic of a high degree of knowledge and spirit. When promoted to Black Belt, it means that the Taekwondo student understands the basic knowledge of Taekwondo and can continue seeking new knowledge of the martial art to fully achieve his or her potential.



## Sharing with, and Loving those in Need



Nguyen Tan Thach, Design and Tran Thom, LR distribute the breakfast for the patient (R-L)

By: My Hanh

The whole is more than the sum of its parts" said Aristotle and Doosan Vina and Vietcombank confirmed this famous theory when they joined hands to serve the needs of Quang Ngai Hospital with the "Love Porridge" CSR program.

Park Seung Won, Labor Relations Director, speaking about the program said, "If either of us (Doosan Vina

or Vietcombank) would have carried out this alone it would have been great, but by combining our efforts we multiplied the effect many times over."

"Love Porridge" is an ongoing project and today, June 8th at 6 AM at Quang Ngai General Hospital nearly 20 employees converged on the hospital with a hot nutritious breakfast for 350 patients and families at the hospital.

A hospital official said, "many of the patients have limited resources and so their meals are basic at best and getting a hot healthy breakfast can help the healing process, and it lets them know that someone cares and they are not alone, it makes me feel good when I see the smiles and joy on the faces of the people when they receive the hot wholesome

breakfast!"

All the ingredients, food and utensils used were sanitized and of the highest quality to ensure that the food would be helpful and strengthen the patients.

The ongoing Vietcombank - Doosan Vina "Love Porridge" program is scheduled for twice a month, alternating between local hospitals.

Representatives from Doosan Vina and Vietcombank Quang Ngai carry out the "Love Porridge" program at Quang Ngai hospital





# Worldwide News Briefs

## Mundra UMPP commissioned

Tata Power & Doosan added a new chapter in the Ultra Mega Power Project (UMPP) history of India with the commissioning of last and fifth 800 MW Unit of the Mundra UMPP on the 21st of March 2013. The Mundra UMPP is the first 5x800MW UMPP in India that heralds the entry of 800-MW supercritical boiler technology which is both highly efficient and environmentally friendly. The UMPP is noteworthy because it has been completed on schedule, and in record time taking only one year from the date of commissioning of the first 800 MW units in Mar'12.



## HRSR at UNOSUGEN in commissioning stage

HRSR at Unosugen site is currently in the commissioning stage and testing is in progress.

## Doosan Family Day in Chennai

DPSI Chennai organized Doosan Family Day at a popular resort in Chennai for all employees and their families. The event began with an inaugural speech by Mr. Hakee Ryu, Divisional Head, Chennai. This was followed by team-building and an

elaborate lunch. There were also dance and music performances by employees, family members and professional performers. There was also a pre-event Sports Tournament of Cricket, Chess, Carrom, Table Tennis and Badminton. The day ended with prize distribution and all employees were given a memento of the day.



## Health Camp at DPSI Gurgaon

DPSI Gurgaon organized a three day 'Health Check' for employees at the Gurgaon head office from in May. A total of 350 employees participated. Six medical personnel came and administered Blood Test, Body-Mass Index and blood pressure checks among others. After the tests, a Doctor explained the test results.

## NDE Technical Training at DPSI Chennai

The training of 24 employees was lead by the Quality team and covered the basics of non-destructive examination, protection and radiation safety, minimizing radiation levels, proper use of radiation safety equipment & radiation measuring devices.



## Long Service Award Ceremony at Chennai



To recognize the long-term service of DPSI employees a ceremony was held in Chennai. The ceremony recognized employees who had completed 15, 10, 7, 5 & 3 years with DPSI. Mr. Sung Won Kim, Head of Chennai & Head of Boiler Engineering awarded 131 employees.



# Rise to the Challenge

By: Huyen Trang

Life presents many challenges and opportunities for us all. Some people seem to lead a charmed life while others face problem after problem.

Vo Duy Minh, a Boiler worker is one young man that has had some of both. As the youngest of eight children in rural Vietnam's impoverished Tinh Hoa village of Son Tinh District he faced challenges from day one. As he grew he soon understood that his family's finances were less than good. As if that weren't enough his parent's health was poor and deteriorating.

In spite of the problems Minh was determined that the past would not determine his or his family's future and as soon as he was eligible he entered a nearby college so that he could learn a skill. The training was to be the foundation for lifting the family out of poverty and after three years of study he graduated and was certified in Industrial Fabrication.

His next stroke of luck came when Doosan Vina's Boiler shop agreed to hire him in 2007 as a member of the Tig Welding group in Coil Assembly. "I found a steady job and reliable income that I use to support my family and to try to cover my parents medical needs, it is still a challenge, but it is getting better and I am looking forward to the day when I can get married and start a family of my own," said Minh.

The road ahead for Minh will no doubt have some bumps, but with his positive attitude and determined spirit there is a glimmer of light breaking through and the promise of a better future is certainly possible.



Vo Duy Minh, Boiler



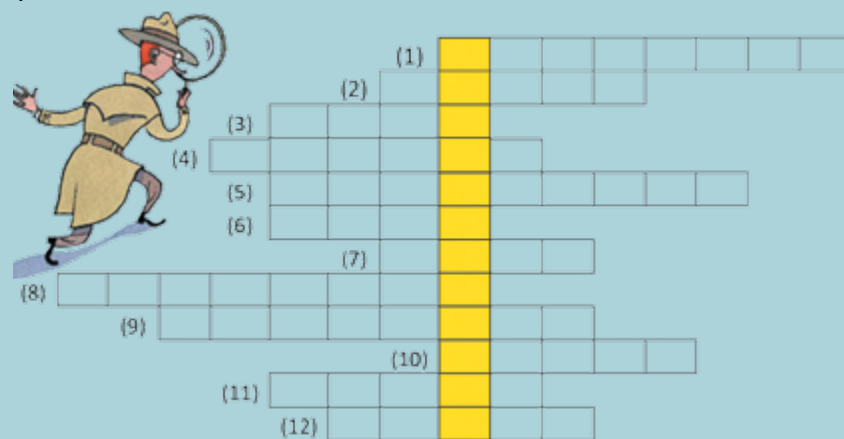


# Games

## Part I: This month's quiz:

(Vertical - yellow): We all work hard to assure customer.....

- 1) Eleven towers were shipped to this country.
- 2) The citizens of this village received help from Doosan Vina.
- 3) The management of this Thai organization paid a visit to Doosan Vina.
- 4) There are more Korean members in this club than Vietnamese.
- 5) This program will lead Doosan's development for another 100 years.
- 6) A sport from Scotland played on a course of grass.
- 7) A contract that was signed with DPSI on March 20th 2013.
- 8) An essential supplement for the body.
- 9) Title of a show by the music club.
- 10) A trait that Doosan Way people should have.
- 11) We received a first place CSR award in this Vietnamese city.
- 12) This Saudi Arabian project is for four 4,000 ton desalination units.



Remember, answers to the entire above question are in previous issues of Doosan Vina News and are available online at [issuu.com](http://issuu.com) under Doosan Vina. You can also look for answers on [YouTube.com](http://YouTube.com) under Doosan Vina DTV. Good luck!

## Part II: Answers for last issue:



There was no answer correct for last issue's game so the pot is doubled. Try again this time and good luck!

## THE POWER OF WORDS



A group of frogs were traveling through the woods, and two of them fell into a deep pit. When the other frogs saw how deep the pit was, they told the two frogs that they were as good as dead. The two frogs ignored the comments and tried to jump up out of the pit with all their might. The other frogs kept telling them to stop, that they were as good as dead. Finally, one of the frogs took heed to what the other frogs were saying and gave up. He fell down and died.

The other frog continued to jump as hard as he could. Once again, the crowd of frogs yelled at him to stop the pain and just die. He jumped even harder and finally made it out. When he got out, the other frogs said, "Did you not hear us?" The frog explained to them that he was deaf. He thought they were encouraging him the entire time.

**Moral:** The tongue has the power of life and death. An encouraging word to someone who is down can lift them up and help them make it through the day. So be careful of what you say. Speak life to those who cross your path. The power of words... it is sometimes hard to understand that an encouraging word can go such a long way.

## English Corner

### Topic 7: Sport (part 2)

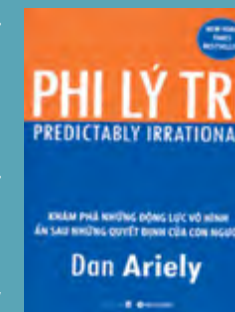
Athletics	: điền kinh
Rugby	: bóng bầu dục
Bowling	: ném banh
Gymnastics	: thể dục dụng cụ
Hockey	: khúc côn cầu
Weightlifting	: cử tạ
Fencing	: đấu kiếm
Marathon	: chạy maratông
Archery	: bắn cung
Water-skiing	: lướt ván nước
Pole vault	: nhảy sào
Javelin throw	: ném lao
Regatta	: đua thuyền
Horse race	: đua ngựa
Diving	: lặn
Skating	: trượt băng nghệ thuật
Rock climbing	: leo núi
Yoga	: ngồi thiền
Windsurfing	: lướt ván
Aerobics	: thể dục nhịp điệu

## Predictably Irrational

People are given a most powerful ability, it is our ability to be rational. So, when making decisions in life, we often think ourselves as a well - controlled person and our choice is clear, rational. But in reality are we like that?

In many experiments to clarify the issue, Dan Ariely, countered the common view that human beings are basically guided by rational action. Through a combination of in-depth research and practical experience, Ariely has given us an unexpected answer: We are more irrational than we thought. We are even irrationality in a systematic way.

It can be said that "Predictably Irrational" Dan Ariely's fascinating and inspiring book forces the reader to think more carefully about our behaviors and mistakes which can lead to a better life. So, it's no surprise that the book is still on the Best-seller list despite being published a year ago.



## Safety First



## Hue's Helpful Household Hints

### Reduce itch from mosquito/ant insect bites:

Chop up an onion and apply the pieces to the affected area. The itch will soon go away.

### Keep paint from getting on a window:

When painting a door or window frame the paint seems to always get on the glass, to avoid this dissolve soap in water and spread the mixture on the glass, being careful not to get the soap on the wood or metal before painting.

### Keep thread from getting tangled when sewing:

Take the needle with thread already in and draw it across a bar of soap or candle. This will keep your thread from getting tangled as you sew.

### Keep your clothes from fading:

To preserve the colors in your clothes simply rinse them in a solution of white vinegar and water (100 ml vinegar to six liters of water). Soak them for a few minutes, rinse and dry before wearing.







# Happy Birthday

Name	Dale	Shop/Dep
Nguyen Vuong Vu	03.08	BLR
Huyhnh Van Lam	03.15	BLR
Dang Van Hung	03.29	BLR
Cao Van Thanh	03.16	BLR
Do Trung Nam	03.08	BLR
Pham Van Hien	03.03	BLR
Le Hong Duy	03.20	BLR
Bui Tan Hanh	03.10	BLR
Nguyen Minh Thu	03.10	BLR
Nguyen Phu Linh	03.10	BLR
Nguyen Tai Phi	03.20	BLR
Le Thi Hong	03.02	BLR
Nguyen Phuc	03.20	BLR
Hoang Duc Hieu	04.10	BLR
Vo Tan Chau	04.20	BLR
Duong Van Mot	04.16	BLR
Dinh Tien Vu	04.20	BLR
Huyhnh Thanh Hong	04.24	BLR
Tran Minh Tri	04.07	BLR
Nguyen Van Bay	04.29	BLR
Nguyen Van Thanh	04.19	BLR
Le Viet Luan	04.27	BLR
Nguyen Thanh Dung	04.08	BLR
Ngo Cam Hung	04.10	BLR
Ngo Van Qui	04.20	BLR
Cu Van Hung	04.09	BLR
Nguyen Van Khai	04.07	BLR
Pham Minh Cuong	04.21	BLR
Ngo Minh Tien	04.26	BLR
Pham Ba Trieu	04.23	BLR
Lam Ngoc Trung	04.30	BLR
Nguyen Tan So	04.16	BLR
Tran Ngoc Dieu	04.29	BLR
Tran Dang Hung	04.05	BLR
Duong Thanh Quang	04.10	BLR
Pham Hoang The Manh	04.30	BLR
Phan Thanh Phat	04.20	BLR
Huyhnh Dang Khoa	04.10	BLR
Nguyen Quang Vinh	04.11	BLR
Pham Duc Chinh	04.10	BLR
Nguyen Van Thinh	04.26	BLR
Ly Anh Vu	04.02	BLR
Le Tan Nghia	04.02	BLR
Tran Dai Hau	04.14	BLR
Le Xich Phong	04.30	BLR
Dinh Tan Vinh	04.12	BLR
Kim Young Gir	05.05	BLR
Phan Van Anh	05.20	BLR
Nguyen Thanh Vuong	05.12	BLR
Nguyen Minh Thien	05.15	BLR
Vo Huu Thang	05.16	BLR
Huyhnh Quoc Thiep	05.25	BLR
Truong Van Thanh	05.25	BLR
Nguyen Van Du	05.30	BLR
Vo Van Hoa	05.07	BLR
Bui Van Hanh	05.06	BLR
Tran Hung	05.05	BLR
Nguyen Trung Tin	05.29	BLR
Le Minh Viet	05.10	BLR
Nguyen Duc Kha	05.05	BLR
Nguyen Duy Doan	05.10	BLR
Le Thuong	05.15	BLR
Pham Truong Chinh Tam	05.10	BLR
Nguyen Van Toai	05.13	BLR
Pham Ngoc Ngoc	05.29	BLR
Vu Van Hoi	05.19	BLR
Nguyen Le	05.29	BLR
Nguyen Tan Suu	05.10	BLR
Le Chu Kiet	03.16	CPE
Vo Hoang An	03.24	CPE
Dang Viet Dong	03.02	CPE
Pham Thanh Tuan	03.02	CPE
Tran Tien Sang	03.10	CPE
Tran Van Canh	03.30	CPE
Pham Le Nhu Thien	03.14	CPE
Tran Xuan Truyen	03.10	CPE
Nguyen Cong Thanh	03.27	CPE
Bui Duc Hanh	03.03	CPE
Vo Thanh Phoi	03.30	CPE
Nguyen Van Cam	03.10	CPE
Nguyen Thanh Binh	03.26	CPE
Nguyen Duc Thai	03.26	CPE
Nguyen Thanh Tung	03.13	CPE
Tran Khanh Huy	03.16	CPE
Vo Van Hieu	03.20	CPE
Pham The Tho	03.27	CPE
Nguyen Quoc Vu	03.16	CPE
Le Ba Tu	03.02	CPE
Nguyen Danh	03.02	CPE
Le Van Dien	03.07	CPE
Nguyen Van Minh	03.15	CPE
Nguyen Thanh Tuan	03.15	CPE
Bui Van Phat	03.13	CPE
Pham Ngoc Manh	03.20	CPE
Tran Quoc Dong	04.03	CPE
Nguyen Viet Tho	04.16	CPE
Nguyen Van Hau	04.04	CPE
Le Thi Bich Xuan	04.18	CPE
Park Sang Ki	04.04	CPE
Jo Hyun Jun	04.15	CPE
Le Thi Anh Thu	04.16	CPE
Nguyen Thi Bich Hanh	04.04	CPE
Luong Van Huu	04.16	CPE
Le Tan Duong	03.02	CPE
Nguyen Tan Hoang	04.11	CPE
Nguyen Tan Chanh	04.14	CPE
Huyhnh Van Danh	04.18	CPE
Truong Cong Trinh	04.20	CPE
Nguyen Tuong Long	04.10	CPE
Phan Thanh Quan	04.22	CPE
Vo Minh Thanh	04.12	CPE
Tran Quoc Truong	04.04	CPE
Bui Van Lanh	04.02	CPE
Nguyen Tan Suu	04.10	CPE
Tran Ngoc Thuan	04.04	CPE
Nguyen Thanh Thuong	04.10	CPE
Nguyen Huu Vinh	04.22	CPE
Do Tan Huy	04.13	CPE
Phan Long Tuan	04.28	CPE
Nguyen Quang Huy	05.19	CPE
Nguyen Van Binh	05.02	CPE
Phan Sy	05.24	CPE
Ngo Sy Hop	05.12	CPE
Nguyen Trong Tai	05.20	CPE
Le Thi Xuan Trang	05.22	CPE
Le Anh Linh	05.10	CPE

Name	Dale	Shop/Dep
Park Sang Kuy	05.17	CPE
Mai Thanh Truong	05.12	CPE
Chau Van Khoa	05.05	CPE
Lam Duy Khanh	05.19	CPE
Nguyen Hong Son	05.29	CPE
Nguyen Ngoc Son	05.05	CPE
Nguyen Ngoc Truyen	05.18	CPE
Nguyen Thanh Trung	05.03	CPE
Nguyen Phuc Danh	05.25	CPE
Bui Duc Van	05.22	CPE
Do Phu Cuong	05.19	CPE
Vo Dinh Hiep	05.28	CPE
Pham Vi Tuyen	05.26	CPE
Pham Hoang Anh	05.25	CPE
Ly Thanh Luong	05.07	CPE
Huyhnh Van Dung	05.15	CPE
Ho Viet Ky	05.12	CPE
Nguyen Cong Manh	05.19	CPE
Nguyen Van Tu	05.17	CPE
Le Van Hai	05.04	CPE
Vo Dinh Thanh	05.05	CPE
Pham Thanh Hung	03.30	Design
Le Cao Nong	03.23	Design
Huyhnh Thi Vinh Huy	03.10	Design
Nguyen Minh Tien	04.04	Design
Dinh Tien Tam	04.01	Design
Lee Jeong Hun	04.17	Design
Pham Minh Tuan	04.14	Design
Truong Cong Quoc Thinh	04.06	Design
Nguyen Huu Tuan Anh	04.11	Design
Pham Quoc	05.30	Design
Pham Duy Dat	05.09	Design
Kim Jong Il	05.15	Design
Chau Ngoc Minh	05.24	Design
Nguyen Tan Thanh	03.06	EHS
Nguyen Thi Tuong Vi	03.14	EHS
Le Da	03.06	EHS
Do Van Son	03.06	EHS
Nguyen Quoc Trinh	03.02	EHS
Nguyen Thi Kim Huyen	04.06	EHS
Truong Thi Nhu Thuan	04.09	EHS
Tran Xuan Hoang	04.04	EHS
Nguyen Anh Vuong	04.10	EHS
Duong Quang Thang	05.15	EHS
Pham Van Nga	05.26	EHS
Nguyen Thanh Tru	03.29	BM
Jung Hyun Chul	03.14	BM
Le Thi My Dung	04.20	ER
Nguyen Le Trang Tinh	04.20	ER
Nguyen Tan Ut	05.25	ER
Dam Van Ha	05.06	ER
Pham Thi Minh Hieu	03.30	FIN
Moon Kwang Young	04.09	FIN
Nguyen Thi Dung	05.11	FIN
Nguyen Luong Quyen	05.05	S&M
Le Tan Cong	03.26	MM
Nguyen Cao Cuong	03.16	MM
Bui Van Banh	03.09	MM
Do Van Nghia	03.22	MM
Nguyen Trong Huy	03.30	MM
Truong Van Long	03.26	MM
Phan Thanh Quoc	03.20	MM
Yang Bong Hyun	04.10	MM
Kim Hyung Do	04.22	MM
Vo Tan Kha	04.21	MM
Hoang Thanh Long	04.13	MM
Vo Ngoc Bang	04.02	MM
Le Xuan Hao	04.05	MM
Tran Khai Hoan	04.24	MM
Nguyen Tan Su	04.24	MM
Doan Thanh Hoang	05.04	MM
Tu Van Kieng	05.04	MM
Vo Ba	05.20	MM
Nguyen Van Danh	05.14	MM
Pham Ngoc Hiep	03.17	FM
Nguyen Bao	03.10	FM
Le Van Trinh	03.25	FM
Vo Xuan Hong	03.06	FM
Truong Minh Canh	03.28	FM
Le Van Khanh	03.14	FM
Tran Van Thien	03.05	FM
Tran Dinh Tiet	03.12	FM
Le Duc Tin	03.26	FM
Nguyen Thanh Dung	04.10	FM
Huyhnh Duong Thu	04.26	FM
Le Vien Thuat	04.20	FM
Huyhnh Van Thom	04.24	FM
Vo Gio Quynh	04.28	FM
Vo Thi Trinh	05.05	FM
Ngo Minh Quang	05.14	FM
Le Van Quan	04.30	HRD
Dao Thi Phuong	05.02	HRD
Dang Thi Xuan Vi	04.02	HRM
Tran Tan Thien	03.19	HRSG
Nguyen Nhat Khoa	03.17	HRSG
Nguyen Huu Chuong	03.11	HRSG
Nguyen Van Oi	03.10	HRSG
Le Loi	03.18	HRSG
Ung Dinh Tan	03.23	HRSG
Pham Thanh Binh	03.17	HRSG
Nguyen Van Tu	03.25	HRSG
Nguyen Thi Thao Phuong	03.01	HRSG
Pham Huu Trong	03.23	HRSG
Phan Van Vuong	04.25	HRSG
Do Thanh Tai	04.20	HRSG
Cao Thanh Tu	04.08	HRSG
Pham Ngoc Minh	04.10	HRSG
Cao Cuong	04.18	HRSG
Huyhnh Ngoc Hiep	04.15	HRSG
Pham Ngoc Chien	04.10	HRSG
Nguyen Huu Tung	04.26	HRSG
Pham Thuoc	04.24	HRSG
Nguyen Nhanh	04.02	HRSG
Dinh Hien	04.10	HRSG
Ho Van Thang	04.11	HRSG
Nguyen Tan Quang	04.30	HRSG
Ho Sy Phu	04.26	HRSG
Jung Jong Ok	04.14	HRSG
Nguyen Duc	04.04	HRSG
Le Tuan Sang	04.23	HRSG
Le Thi Tham	04.04	HRSG
Nguyen Tan Hong	05.15	HRSG
Luu Van Cuong	05.08	HRSG
Phan Minh Dien	05.28	HRSG
Vo Van Dat	05.27	HRSG
To Van Thinh	05.13	HRSG
Nguyen Huu Le	05.20	HRSG

Name	Dale	Shop/Dep
Nguyen Xuan Sang	05.20	HRSG
Nguyen Van Phuong	05.12	HRSG
Nguyen Tri	05.20	HRSG
Nguyen Anh Dung	05.20	HRSG
Nguyen Chinh	05.20	HRSG
Hoang Vinh Hung	03.23	LR
Vo Minh Toa	03.05	LR
Do Xuan Sang	03.10	ADM
Vo Minh	03.26	ADM
Nguyen Viet Tuan	04.20	ADM
Nguyen Thi Hieu	05.10	ADM
Nguyen Huy Cuong	03.03	Security
Nguyen Tan Nhac	03.13	Security
Nguyen Van Bi Vu	03.01	Security
Nguyen Van Dung	03.26	Security
Hoang Long	03.05	Security
Tran Van Dieu	03.03	Security
Vo Phuc Duy	04.14	Security
Nguyen Van Quang	04.28	Security
Phan Ly	04.14	Security
Dinh Vo Tuan	04.20	Security
Nguyen Ngoc Chien	04.12	Security
Pham Anh Thuong	04.20	Security
Bui Van Phi	05.25	Security
Nguyen Duc Tam	04.04	Security
Hoang Van Anh	05.12	Security
Pham Tan Vuong	05.02	Security
Nguyen Hong Thinh	05.24	Security
Dao Thi My Hanh	04.28	PR
Doan Thanh Hai	04.16	PR
Nguyen Tan Tien	04.17	IM
Pham Thi Thanh Xuyen	05.17	IM
Nguyen Thanh Tuyen	03.10	IT
Hoang Tan Loc	04.19	IT
Phan Thi Ha Nhi	04.26	IT
Nguyen Van Thanh	03.19	MHS
Nguyen Ngoc Thien	03.02	MHS
Tran Van Manh	03.24	MHS
Do Minh Hau	03.12	MHS
Phung Tan Tan	03.16	MHS
Doan Ngoc Hue	03.04	MHS
Dinh Duc Yen	03.27	MHS
Dam Viet Khoa	03.10	MHS
Nguyen Ngoc Thu	03.21	MHS
Nguyen Van Hieu	03.10	MHS
Vo Thai An	03.26	MHS
Truong Van Binh	03.18	MHS
Dang Van An	04.20	ER
Tran Nhu Trong	03.06	MHS
Dang Van Doan	03.27	MHS
Tran Nhu Tuyen	03.26	MHS
Nguyen Van Luc	03.14	MHS
Doan Anh	03.10	MHS
Nguyen Dinh Hiep	03.20	MHS
Truong Quang Hoang	03.05	MHS
Pham Chi Tam	03.15	MHS
Tran Trong Phuong	03.20	MHS
Nguyen Huy	03.20	MHS
Pham Thai Thien	03.11	MHS
Vo Van Phuc	03.02	MHS
Nguyen Van Toan	03.03	MHS
Chau Ngoc Thanh My	03.20	MHS
Pham Tuan Vu	03.17	MHS
Nguyen Dinh Tung	03.21	MHS
Ho Quang Cuong	03.21	MHS
Pham Van Thi	03.04	MHS
Nguyen Thanh Truyen	03.28	MHS
Nguyen Thi Anh Dao	04.30	MHS
Nguyen Van Ha	04.20	MHS
Pham Thanh Nhan	04.29	MHS
Le Van Dung	05.04	MHS
Nguyen Quynh Khol	04.12	MHS
Le Thi Thu Ha	04.05	MHS
Phan Nhu Duc	04.22	MHS
Pham Tan Bao	04.05	MHS
Ngo Tung Vuong	04.08	MHS
Nguyen Minh Them	04.11	MHS
Nguyen Thi Thuy Van	04.02	MHS
Huyhnh Tan Duy	04.20	MHS
Vo Duc Tin	04.02	MHS
Mai Xuan Pho	04.18	MHS
Truong Van Ky	04.17	MHS
Pham Tan Phuc	04.05	MHS
Le Tan Len	04.02	MHS
Pham Tan Chung	04.20	MHS
Nguyen Van Dung	04.01	MHS
Nguyen Duy Duc	04.20	MHS
Le Hong Oai	04.03	MHS
Pham Ngoc Dong Quan	04.16	MHS
Nguyen Huu Vinh	04.07	MHS
Pham De	04.12	MHS
Dinh Van Rang	04.01	MHS
Nguyen Thi Thu Thuy	04.10	MHS
Nguyen Duc Thuan	04.30	MHS
Le Hien	04.14	MHS
Dang Hong Luan	04.22	MHS
Truong Thanh Hung	04.07	MHS
Cho Siang Gon	05.05	MHS
Dang Thanh Viet	03.23	HRSG
Truong Van Anh	05.01	MHS
Nguyen Xuan Lam	05.10	MHS
Nguyen Thanh Son	05.18	MHS
Huyhnh Van Thiep	05.02	MHS
Nguyen Van Tien	05.07	MHS
Le Van Thang	05.26	MHS
Nguyen Thanh Viet	05.18	MHS
Nguyen Van Du	05.17	MHS
Lam Tuong Luyen	05.15	MHS
Bui Xuan Truong	05.07	MHS
Le Trung Dinh	05.10	MHS
Vo Huu Nhung	05.29	MHS
Nguyen Viet Hung	05.20	MHS
Nguyen Nhanh	05.13	MHS
Jung Hyun Jin	03.18	OE
Le Huu Au	04.04	OE
Pham Thanh Y	04.26	HRSG
Pham Thi Thu Mo	03.16	LS
Nguyen Thi Bich Tram	04.19	LS
Pham Thi Len	05.10	LS
Pham Thi Loan	05.01	LS
Nguyen Thi Thuy Hang	05.01	TP
Nguyen Ngoc Tat Dinh	03.05	TP
Nguyen Thi Thuy Ninh	04.10	TP
Nguyen Ngoc My	04.25	TP
Nguyen Thi Ngoc Tram	05.23	TP
Kim Yong Soo	05.01	MP

Name	Date	Shop/Dep
Le My Hoa	03.04	P&S
Nguyen Van Quan	03.07	P&S
Do Van Ngai	04.04	P&S
Pham Quoc Hung	04.14	P&S
Vo Van Nghia	04.10	P&S
Tu Minh Khuong	04.19	P&S
Nguyen Chi	04.13	P&S
Nguyen Anh Thi	04.06	P&S
Vo Hoai Nhan	04.07	P&S
Vo Thi Lai	04.02	P&S
Pham Quang Hoa	05.05	P&S
Ngo Quang Duc	05.12	P&S
Nguyen Ben	05.05	P&S
Duong Chi Linh	03.02	Painting
Pham Ngoc No	03.04	Painting
Tran Van Su	03.02	Painting
Quach Duc Ha	03.10	Painting
Pham Tam	03.12	Painting
Nguyen Van Duy	03.02	Painting
Le Thi Thanh Phuong	03.05	Painting
Nguyen Van Du	04.20	Painting
Nguyen Quoc Huy	04.04	Painting
Tran Dinh Sang	04.01	Painting
Pham Van Phuc	04.16	Painting
Pham Thanh Hau	05.24	Painting
Nguyen Han	04.16	Painting
Le Tan Qua	04.15	Painting
Pham Ba Lam	05.15	Painting
Hua Van Long	05.05	Painting
Bui Duan	05.17	Painting
Pham Thanh Phuong	05.17	Painting
Pham Tai Tinh	05.19	Painting
Vo Van Thanh	03.20	NDE
Nguyen Van Hai	03.01	NDE
Le Van Loan	04.06	NDE
Pham Thanh	04.06	NDE
Tong Van Vang	04.17	NDE
Pham Quang Ly	04.25	NDE
Pham Xuan Que	04.20	NDE
Le Anh Chuc	04.30	NDE
Nguyen Hong Nhan	04.22	NDE
Doan Van Thanh	04.20	NDE
Tran Thanh Ngoc	05.19	NDE
Nguyen Thang	05.03	NDE
Nguyen Van Thinh	05.30	NDE
Phan Van Dung	05.15	NDE
Pham Thanh	05.24	NDE
Tran Quoc Hung	05.24	NDE
Le Duc Hanh	05.01	NDE
Co Sung Min	04.26	Purchase
Pham Viet Vuong	04.12	Purchase
Luong Van Luc	04.12	Purchase
Pham Huy	03.16	QA
Vo Trung Quang	03.02	QA
Tran Ky Nhut	03.12	QC
Tran Xuan Thanh	03.17	QC
Pham Ngoc Tuyen	03.22	QC
Pham Thanh Nhut	03.22	QC
Nguyen Huy Tho	03.30	QC
Bui Van Dong	03.02	QC
Bui Van Hanh	03.23	QC
Do Van Vien	04.09	QC
Pham Thanh	04.22	QC
Duong Thanh Hoa	04.03	QC
Pham Vuong	04.15	QC
Dang Quang Vuong	04.15	QC
Nguyen Huu Thien	04.05	QC
Vo Huu Huu	04.20	QC
Vo Minh Phap	04.20	QC
Phu Trung Hoa	04.19	QC
Nguyen Ngoc Duong	05.19	QC
Vo Duc Trinh	05.01	QC
Le Anh Phu	05.02	QC
Trinh Thanh	05.02	QC
Pham Viet Duy	05.23	QC
Pham Duy Duc	05.10	QC
Phan Huu Tuan	05.09	QC
Nguyen Cong Yen	05.05	QC
Tran Ngoc Khien	05.20	QC
Hai Van Thanh	05.07	QC
Kwon Sung Gi	03.14	Water
Cao Van Sinh	03.23	Water
Le Quang Tinh	03.12	Water
Dinh Co Huan	03.01	Water
Pham Van Nghia	03.20	Water
Pham Van Ho	03.20	Water
Chau Van Hoa	03.28	Water
Pham Tan Len	03.23	Water
Le Giang	03.14	Water
Huyhnh Thanh Quy	03.21	Water
Pham Van Anh	03.21	Water
Dinh Tan Quoc	03.24	Water
La Van Duong	03.29	Water
Huyhnh Quoc Thinh	03.01	Water
Kim Tae Kyung	04.01	Water
Pham Thanh	04.06	Water
Pham Hong Quang	04.16	Water
Dang Hoai Phuong	04.29	Water
Nguyen Mau Hieu	04.14	Water
Tran Minh Cuong	04.20	Water
Ngo Van Kieu	04.30	Water
Pham Thanh	04.20	Water
Ngo Van Truong	04.08	Water
Nguyen Hong Hiep	04.28	Water
Vo Thanh Duy	04.25	Water
Nguyen Ngoc Quang	04.24	Water
Huyhnh Thanh	04.22	Water
Dang Thanh Tieng	04.22	Water
Nguyen Ngoc Cong	04.01	Water
Thoi Cong Vu	04.04	Water
Nguyen Thanh Hoa	04.26	Water
Hoang Ha An	05.19	Water
Pham Thanh Anh	05.11	Water
Tran Quoc Hieu	05.12	Water
Nguyen Van Viet	05.10	Water
Vo Van Hiep	05.21	Water
Pham Thanh Son	05.26	Water
Do Thanh An	05.20	Water
Le Tan Sang	05.20	Water
Phan Tan Thanh	05.26	Water
Phan Tu	05.17	Water
Nguyet Tat Dinh	05.19	Water
Nguyen Xuan Binh	05.10	Water
Pham Thanh Khanh	05.10	Water
Nguyen Le Nguyen	05.01	FA
Lee Seung Hyun	05.20	FA