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Doosan Heavy Industries Vietnam
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Doosan Heavy Industries Viet Nam

Volume 05 No.01

Quang Ngai - Viet Nam

Bản Tin

DOOSAN

Vina News



Shipments
Page 14

MADE IN VIETNAM
MY COUNTRY - MY PRODUCTS - MY PRIDE

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The Doosan Vina Boiler team celebrates the Global Championship

Fueling Progress

The Chemical Processing Equipment Business Unit at Doosan Vina produces the high tech equipment that turns the Earth's natural resources into safe and useful products that are improving life all over the world.



Doosan Heavy Industries Vietnam

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One Mind, One Voice, One Action



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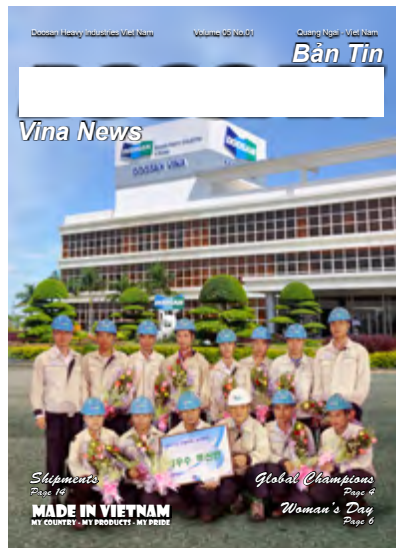
Correction

An error inadvertently occurred in the last issue of Doosan Vina News. On page 3 Mr. Pham Nhu So, Vice Chairman of Quang Ngai PPC and Head of Dung Quat EZ was identified as Cao Khoa, Chairman of Quang Ngai PPC.

We do apologize for the error and regret any misunderstanding that this may have caused.



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On the Cover

This issue's cover features the team from Boiler that recently won the global competition held by Doosan Heavy Industries & Construction in Korea. Pictured with the team are General Director Hang Ha Ryu and Boiler Director Chi Wook Song. The team's winning entry was a mini crane that saves both time and money by enabling the team to complete projects earlier and free up the main cranes for other tasks. The competition involved production teams from all over Doosan's global operations. For more pictures and the complete story turn to page four.

Marching ever forward

There have been several major newsworthy events since the last issue of the Doosan Vina News. First were the results of a survey that showed an overall employee satisfaction rate of 79%, then we won the Global Doosan BBHD competition in Korea and we shipped three 4,000 ton desalination evaporators to Saudi Arabia. We also welcomed several VIP's including Park Tae Won, Executive Vice President of Doosan Engineering and Construction, delegations from: Marubeni's Power Systems Corporation, the Vinh Tan Power project, the Electricity Generation Authority of Thailand and several others. Then our first training session to put us on the road to attaining certification as suppliers in the ultra high tech Nuclear Power Industry was held, Administration cut the ribbon on the Doosan Vina Cinema, an employee library was opened, Human Resources launched their 2013 training schedule and Labor Relations opened English and Korean Language Clubs. So please, turn the page and read on for the complete details on these and many other exciting developments here at Doosan Heavy Industries Vietnam.



Park Tae Won, E&C's Executive VP pays a Visit



Planning and review session

Doosan Engineering & Construction Executive Vice President, Park Tae Won paid a working visit to Doosan Vina on February 19th & 20th to review performance in 2012, thank everyone for their hard work and to rally employees in CPE's efforts to meet the goals of 2013. Upon arrival Park Tae Won and his group were welcomed at the main office for a strategy brief by General Director Hang Ha Ryu and other BOM members. This working visit included a whirlwind tour of the 110 hectare complex with an emphasis on the Chemi-



Touring the production site

cal Processing Equipment Division which falls under his control. Several meetings were held to review performance, discuss plans and develop strategies to move CPE towards its production goals in the short, mid and long-term range. Park was encouraged by the 9,000 tons of CPE exports in 2012 and by the overall progress in quality made by the men and women of CPE during the previous year. Speaking at the banquet to honor the exceptional efforts of the division and its 350 employees, he said "You have done very well and with the continued diligence that I have seen over the last few years, CPE will meet its 2013 goals and will become a complete stand alone operation that will set the standard for the entire Doosan group."



Dinner held for the entire CPE team



Park Tae Won, EVP presents award to Ly Thanh Luong

Boiler wins Global Industrial Competition

By: Khac Tuyen

Doosan Heavy Industries Vietnam won a global competition in Korea. The competition involved entries from Doosan Heavy Industries seven world-wide production sites. To honor the winning team from Vietnam a ceremony was held on February 26th at the company's 110 hectare high tech manufacturing complex in Quang Ngai.

"As Doosan's Vietnamese operation has only been in production for three years and six months, winning the competition when pitted against much more senior manufacturing facilities is a testimony to the skill and expertise of the Vietnamese," said Genral Director, Hang Ha Ryu.

The twelve members of the "Panel Fabrication One Team" of the Boiler Division were given a heroes welcome and honored with a party attended by the Board of Management and the entire staff of



The Twelve members of Panel Fabrication One were received by directors and the entire Boiler shop at a celebration to honor them



the Boiler division. VIP's spoke, banners were hung, flowers presented, a three day victory tour of Vietnam was awarded and a special cake was devoured.

The winning entries were a chamfering tool and mini crane that the team created to help overcome some production bottlenecks in the manufacture of the high tech boilers that are the heart of a modern power plant.

The new chamfering tool & mini crane helped save nearly 2,000 man hours and 1,000 hours of crane time on the MD II boiler fabricated by Doosan Vina and the innovations will continue to be time savers on all future Boilers.

"The victory at the Doosan-wide Keson Contest was really an unforgettable experience. It is remarkable that in three years Doosan Vina's innovation is comparable to that of our parent company's," Chief Worker, Phan Thanh Phat said.



GD Hang Ha Ryu (right), presents championship trophy to Phan Thanh Phat, leader of the winning team

Woman's Day Celebration



GD Hang Ha Ryu presents the 1st lucky number prize to Ho Thi Nguyen, HRSO

stressed the importance that the women play in the company, the community and their families.

The first thing that the ladies noticed after arriving from the five shops was the huge backdrop wishing them a Happy IWD which carried thanks for their important contributions to the company and announcing the game that would be a centerpiece of the event.. Before the game started a huge cake that was more than a meter across was cut so the ladies could have a piece to enjoy later. The Game "How well do you know your partner" is a popular Vietnamese TV game show where contestants are tested to see how well they know their husband or fiancé. Unknown to the ladies four couples had

A grand celebration filled with laughter, flowers, gifts and good wishes was held for the nearly 250 women at Doosan Vina on the occasion of International Women's Day, March 8th 2013.

The hour long program held in the lobby of the Main Office kicked off at 10:00 AM with a song by several men from the Music Club. That was followed by an address from Hang Ha Ryu our General Director who



Cutting the cake



Cho Sung Min, AGM, Admin Purchasing in a game with Truong Thi Tuong Vi, LR



Kim Yong Soo, Deputy General Production Director, serves cake to the ladies



Directors and nearly 240 of Doosan Vina's ladies

been preselected in which both man and woman work at the company. We secretly contacted the husbands and arranged for them to be off stage at the celebration.

The MC teased the ladies giving them hints and a brief greeting from the men behind the curtain. The women had to guess if it was their mate who was being described. After several minutes of hints the ladies who had identified the men described as theirs came forward. Once the nervous women were up front the men were brought out to see if the women had been correct and luckily all the women had chosen right. The winning couples received specially designed matching shirts with interlocking hearts and the Doosan logo.

To wrap up event, the Music Club again took the stage and swooned the ladies with a final selection. As the ladies left they were given a flower arrangement and a special gift by members of the Board of Management.



Hoang Vinh Hung (LR) & Nguyen Thi Phuong Nhi (MP)



Nguyen Cong Hue (PS) & Nguyen Thi Hong Nhung (HRSO)



Music Club performs

Visionary Planning Under Way

There are many factors that contribute to the success of a business, one of them is to have a visionary outlook and be able to foresee and prepare for developing opportunities. One such opportunity is the gathering momentum of nuclear energy development across Asia and around the world.

In November 2009, the National Assembly of Vietnam approved the construction of nuclear power plants in Vietnam and today, Vietnam is working on plans to build the Ninh Thuan 2 nuclear power plant with a generating capacity of 1,000 MW.

Getting prepared to be a supplier in the nuclear energy field is not something that can happen overnight

and requires extensive planning, training and certification from the appropriate organizations.

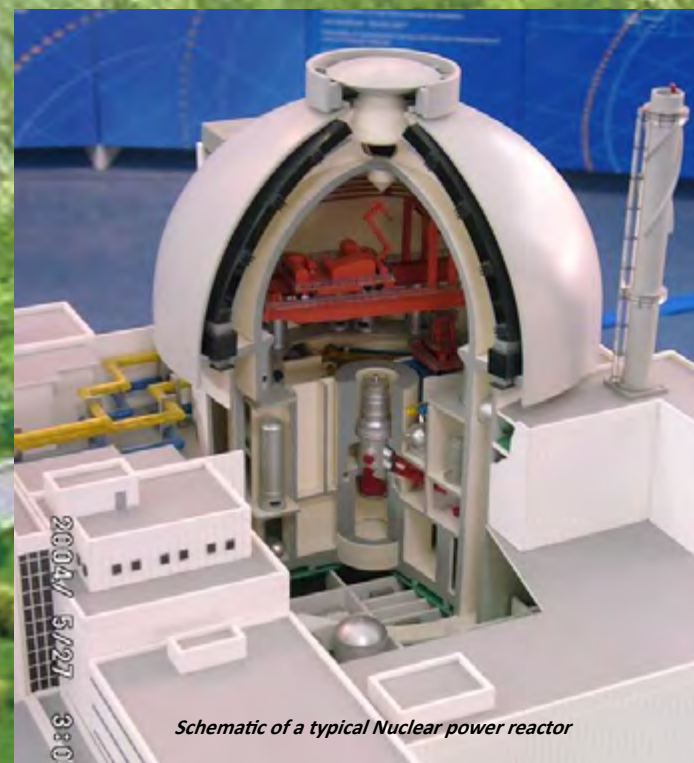
Doosan Vina made the first steps in the process in December 2012 when directors, section managers and key engineers attended a training program that was led by experts from Doosan Korea.

This first training course focused on: introduction to the ASME standards, certification processes, and quality assurance programs in relation to the production of nuclear power equipment.

This initial training session and a series of

other sessions scheduled for later in 2013 are the prerequisites for equipping Doosan Vina and key personnel with the knowledge to move ahead in achieving our nuclear certification.

Vietnamese leaders have long endorsed a policy of using domestically produced equipment whenever possible so Doosan Vina's plans and actions are on target to place the company at the front of the line of suppliers for these key infrastructure projects.



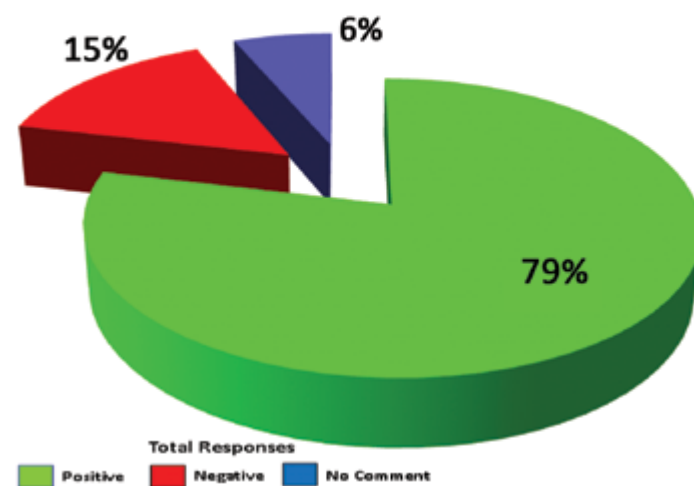
Schematic of a typical Nuclear power reactor



Younggwang Nuclear Power Plant in South Korea built by Doosan

Employee Satisfaction Survey

Overall Results

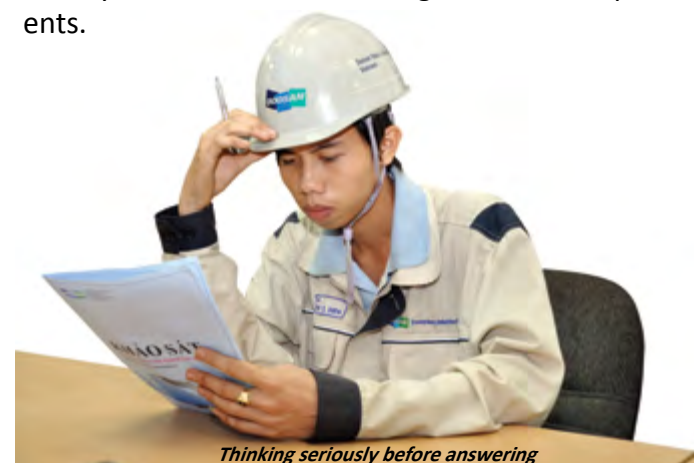


of issues for the company to work on and that has already begun.

To assure anonymity and allow respondents the freedom to answer sincerely and honestly we didn't require names. To further insure anonymity we had collection boxes in neutral locations strategically positioned around the complex.

To launch the survey, the management team was briefed; the survey was announced on DTV, the in house broadcast system and over the public address system and then the survey was distributed personally by each department's general affairs coordinator.

Of the total taking part in the survey the greatest percentage came from staff that had been here three years or more, accounting for 38% of respondents.



Thinking seriously before answering



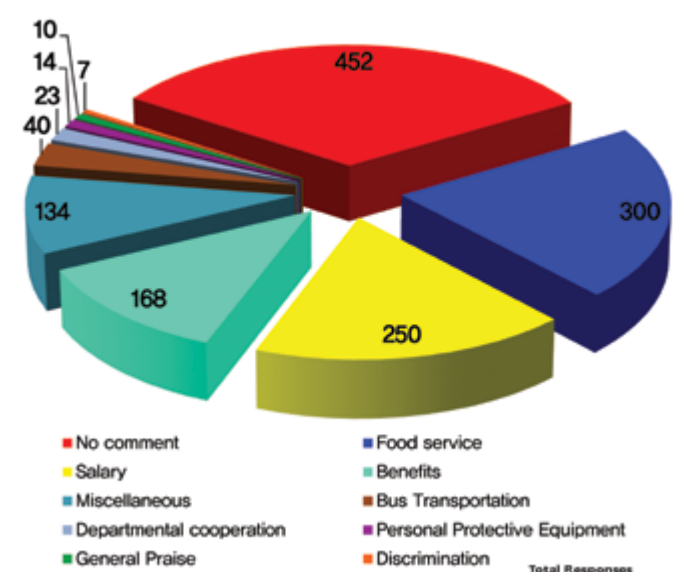
On the job in CPE

There were several areas that scored very high and a couple that came in on the low side. The areas that received the highest positives were: Working practices, 94%; Working environment, 92%; Equipment, 92% and Morale, 88%. Conversely the topics that received the lowest positive ratings were: Compensation, 56% and Food service, 40%.

In addition to the multiple-choice answers, we also had a place for employees to make suggestions or comments on the company and/or conditions; 70% took advantage of the option and gave us written feedback. The comments mostly dealt with compensation, food or transportation to work.

For the first survey we were quite encouraged with the overall positive responses and when we conduct the next survey we plan to ask additional questions on the issues that brought the highest concerns and discussions are ongoing to address some of the issues that employees brought up.

Written comments by topic



George Bernard Shaw, an ardent socialist, playwright, journalist and co founder of the London School of Economics had this to say about satisfaction, "As long as I have a want, I have a reason for living." And in our first "Employee Satisfaction Survey" employees have indicated that they have balance.

The overall results were by far positive but employees also brought out a reasonable number of "wants."

The survey was a first at the company and was taken in December of 2012 to help us better understand the feelings amongst our employees. The 79% overall positive rating was great, but there are still a couple



Morning exercise in preparation for the day

“Painting” and “Packing & Shipping”



Painting with a roller

called: Painting Production and Painting Technical. “Painting Production” is responsible for scheduling with the factories and makes plans for shot blasting and painting while the crew in “Painting Technical” prepares the products for painting following a stringent regime of policies and procedures.

The protection that painting provides is critical to the life and service of our products and with the super weight and huge size of the products we make it is no easy task.

Currently the Painting Department has 15 painters working two shifts in two paint shops to ensure on-time completion of the work.

The first stage in the process is sanding and blasting the piece with tiny iron particles under high pressure to clean all surfaces of rust or other foreign material. This is to assure that the paint has a clean bare metal surface to adhere to.



Spraying is used for large surfaces

The PS Division at Doosan Heavy Industries Vietnam has three departments, 1) Painting, 2) Packing & Shipping and 3) Inventory Management known as IM.

We covered IM in the last issue and if you missed it and want to catch-up check it out at Issuu.com under Doosan Vina News.

In this issue we’ll cover the other two departments in PS and begin with the Painting department.

Painting Department

By definition they are in charge of painting most of the Doosan Vina’s massive products before shipment and delivery to the customer.

Painting the mega products and machines made by Doosan is a formidable task and a small army of painters and technicians are responsible for this very important task. In our Painting Department there are currently 100 employees in two main sections

The paint is not only for aesthetics but is also a barrier, protecting the equipment inside and out from the sun, rain, oxidation and more. The client’s requirements and characteristics of each product determine how many coats of paint a piece receives and it can be as many as four or more.

After each sanding or coat of paint a through QC inspection takes place to assure specs are being met.

To ensure proper adhesion of the paint the proper mixtures and temperatures have to be controlled and the technical team sees that strict guidelines are followed exactly.

The Painting team uses three methods to apply the paint: a compressed air spray gun, a roller or a brush. Spraying is the most efficient, but rolling and brushing are sometimes needed for areas that are inaccessible to the spray gun.

After painting is completed and the paint is dry the products are handed over to the Packing and Shipping department in preparation for shipment.

Packing and Shipping

The Packing & Shipping department or PS is responsible for the two main tasks and like painting their name defines their mission. The Packing section engineers the packing, and manages the documents, while Shipping is responsible for the import and export of materials and products.

At this time the Packing & Shipping department has a total of 43 employees; 30 in packaging and 13 to look after shipping and port management.

Packaging is a very important step to protect the product from damage during shipping and handling



A MD II shipment



Packing a product for shipment

and to be sure that the packages are compatible with shipping conditions and handling procedures. The Packing team uses five primary methods including: Palletizing, Skidding, Bundling, Boxing and Steel Frames.

After products are carefully packed they are delivered to the shipping section for export and delivery to customers around the globe.



The men & women of The Painting Department



The men & women of The Packing & Shipping Department

Shipments keep Doosan Vina Port Hopping

The men and women at Doosan Vina have been working hard to complete and ship their products to customers worldwide over the past few months.

Boiler

The Boiler Division has sent several cargo ships filled with cutting edge boilers and high tech components to the MD II thermal power plant under construction in Quang Ninh Province and they are nearing the completion of the fabrication of two 600MW boilers for the largest boiler ever build in Vietnam which is destined for a Power Plant in Kudgi, India.



Boiler coil for Mong Duong II

Material Handling Systems

Doosan Vina's Material Handling System shop recently completed their contract to supply 39 mega cranes for the PSA project in Singapore. It included 36 Rubber Tired Gantry Cranes (RTGC) and three Rail Mounted Quayside Cranes (RMQC). The last crane completed and shipped was a Rail Mounted Quayside Crane which is now on the job in neighboring Singapore.

The enormous contract took three years to complete because each of the



Mong Duong II power plant structural steel shipped by MHS

36 RTGC's weighed 245 tons was 27m high, 25m long, 11m wide. And the three RMQC's weighed 1,750 tons were 72 high, 120m long and 28m wide. The PSA RMQC's were as tall as a 30 stories building and designed to lift the 65 tons containers which are becoming the standard in global logistics at ports worldwide today.

Chemical Processing Equipment

Doosan Vina's Chemical Processing Equipment (CPE) Division has really been busy completing and sending 55 distillation towers and pressure vessels weighing nearly 2,500 tons to three nations worldwide: Algeria, Saudi Arabia and Singapore.

CPE's skilled engineers and technicians have been working since early 2012 to fill these orders for



A CPE distillation tower on the way to Singapore

Staatsolie of Suriname, SK E&C of Korea and the Technip Corporation of France. One large tank weighed 350 tones and another was so long at 62 meters that it had to split into two sections for shipping.

Water

Over at the Water shop, three 3,500 ton "Made in Vietnam" multi-stage flash desalination plants were shipped. Each were the size of a football pitch, stood three stories tall and have been sent to Saudi Arabia signaling the completion of the world's largest desalination project named Ras Al Khair. The entire project was for eight units, with three being made in Vietnam and five made in Korea.



Loading a shipment



Water shipped three giant "Plug and Play" desalination plants to Saudi Arabia

Wooing & Wowing Customers

Doosan Vina has welcomed steady stream of VIP visitors recently. They have come to check out our expertise, the facilities and our capabilities in the high tech world of thermal power plant boiler production.

A few of the notable delegations were from the leaders of the Vinh Tan 4 project, Japan's Marubeni's Power Systems Corporation and the Electricity Generation Authority of Thailand or EGAT.

The Vinh Tan 4 leaders visit was in relation to the power plant which is planned to be the biggest thermal power complex in Vietnam with a total investment of 6.1 billion USD and a projected production capacity of 5,600 MW.

Following a few weeks after the Vinh Tan 4 group was the Japanese delegation from the Marubeni Power Systems Corporation. Marubeni is currently the EPC contractor for the \$981 million, 600MW Nghi Son 1 thermal power plant being built in Thanh Hoa Province, which upon completion will provide 3.6 billion KW of electricity per year.

In addition to visiting Doosan's Quang Ngai com-



Vo Thanh Hoa Boiler (blue helmet), explains the boiler making process to representative of the Vinh Tan power project.

plex the Marubeni group also took a trip to the 1,200 MW Mong Duong II thermal power project in Quang Ninh Province being constructed by Doosan and fitted with boilers made here in Vietnam by Doosan Vina.

Rounding out the VIP visitors was the group from the Electricity Generation Authority of Thailand or EGAT who were also on a fact-finding mission related to a power plant project in Vietnam.

These high profile visitors not only provide us with an excellent opportunity to promote our products, services and outstanding quality but also give us a chance to establish personal relationships with the decision makers on these and future projects here and abroad.

They came to see for themselves if we have the technology, staff and quality controls to assure that orders placed with us will meet their needs and specifications. And after touring the complex, meeting with our leaders and examining

our processes the reaction was clearly positive.

Another group of VIP's of another nature came calling since our last issue. This was a group of 23 Danang University of Technology students who receive scholarships from the company.

For these students it's a chance to see what working at the company would be like and for us to give them an overview that hopefully will cre-

ate a favorable impression and convince them that a career at Doosan is the right choice for them.

"I think Doosan Vina is really a great choice for mechanical engineers, it's a place where we can hone our skills and get some practical knowledge, and based on what I've seen today, Doosan Vina certainly will be high on my list of prospective employers when I graduate," said Nguyen Tan Tinh.



Song Chi Wook, Boiler Director with Yoshiaki Munechika of Marubeni Power Systems



Da Nang students tour the Boiler shop



Luong Viet Luc (Lab) demonstrates a calibration tool



Doosan Vina executives with Marubeni Power Systems delegation

Doosan Vina brightens Lunar Holidays



Doosan Vina & Vietcombank representatives with Ba Nam villagers

We had two pre-Tet CSR programs. One was for the Ba To people and the other was for Binh Tri villagers. Binh Tri is the community adjacent to the company complex and is nearly all agricultural. The people eke out a living as best they can. To brighten the Tet holiday across the province DV distributed gift packages containing much appreciated treats in these two areas.

In Binh Tri we gathered a group of villagers at the community center and distributed gift baskets. For Ba To we joined hands with one of the most recognized banks in Vietnam, Vietcombank



Dale Gerstenslager, PR GM presents one of the gift boxes

to see that many of Vietnam's neediest would have a better Tet or Lunar New Year Holiday.

To reach Ba To we set out from the company complex at 6:00 AM to deliver several hundred boxes of treats to the people in outlying villages. We travelled the 20 Km to Quang Ngai (QN) City and joined the caravan headed to the Ba To district of QN Province. The province isn't particularly large but because of the remoteness it was scheduled to take five or six hours to complete the mission.

To say that we underestimated the time would be a Guinness Book of World Records understatement; we did however make it back in the same day, but not by much.

As we inched our way over the roads (and I use the term "road" loosely) to deliver our precious packages the musical genre known as "Head Banging" came to mind because all of us seemed to be heavily engaged in some serious HB'n, insanely swinging our heads from left to right as the road beat out a rhythm. I



Unloading hundreds of gift boxes for distribution in Ba To



remember thinking "next time bring a helmet, better yet full body armor or a helicopter!"

Reaching the first stop was relatively incident free compared to what lay ahead and we cheerfully unloaded several hundred boxes of treats that the families and officials eagerly received and graciously thanked us for. After photos were taken, speeches made and hands shaken we pressed on to drop point two. Air support would have been a good idea for this section of the journey.

In spite of the tough going the scenery was remarkable. There were wide valleys providing endless vistas. The valley floors were covered with rice paddies and as wave after wave of sunlight broke through the clouds and swept across, countless shades of iridescent green flashed before us. Off in the distance, huge mountains, whose peaks were delicately wrapped in mist rose spectacularly; it was a scene of unbelievable grandeur and a panorama that only God himself could have ordained.

The people we had come to serve were cheerful, friendly and unbelievably needy; we saw many walking barefoot through the cold mud, some with babies strapped to their backs. We also saw schools that desperately needed the basics if they were ever to have the slightest hope of providing an education that would prepare the children for a better future, and lastly we saw housing that was little



Nguyen Ngoc Giang Chau (PR) & Ha Van Hung (LR) unload gifts for Binh Tri villagers

better than primitive huts.

James Bond in his many 007 adventures is known for liking his martinis "Shaken, not Stirred," this CSR adventure left me not only "Shaken but Stirred as well."

When I got home I was shaken, tired and bruised, but more importantly I was stirred, because I saw that the vision and goal of Doosan to have a win-win situation here in Vietnam is more than talk. The company is providing opportunity for all with career opportunities, infrastructure development and CSR programs, that are moving the country forward bit-by-bit every day.



Kim Gwang Ju, Director of the Management and Labor Relations Divisions presents a Tet gift to a Binh Tri girl

Training to Grow and Develop



Members of "Global Leader School" at the closing ceremony

One of the very important benefits of being a Doosan Vina's employee is the opportunity to learn while you earn. The Global Doosan philosophy called 2G is based on the proven logic that as employees grow so shall the company.

The Human Resource Development department carries out this strategy locally and offers a virtual buffet of training opportunities for employees in their recently published booklet.

For managers, there are training programs on technical skills, leadership skills, language skills and other basic skills to help you grow. Some are short term courses and others are long term. One long term program was a two year leadership training course titled "Global Leader School". This course involved 83 of our middle managers and was designed to teach the leadership skills necessary to lead in a global multinational corporation like Doosan. The course involved 124 hours of class time and covered 21 management skills led by ten experts from nationally recognized education centers such as, Hanoi University of Technology, HCM Economics University, Da Nang University, Tam Viet Group and Talent Mind.

In addition HRD has also launched a Library that can augment the above training programs to offer employees a chance to expand their horizons. The new library is adding books



Pro. Tran Ngoc Dan from HCM University of Technology leads an ASME course



Vo Hoang Thong, HRM GM presents gifts for "Excellence" in training



Employees keen on reading check books at the newly opened library



regularly and currently has a total of 156 Vietnamese books and 110 Korean books. Topics cover personal development, history, geography, foreign language, health, education, art, literature and more.

There are many books by famous authors and some introduced in Doosan Vina News such as: Think Rich and Grow Rich by Napoleon Hill, How to Stop Worrying and Start Living by Dale Carnegie and much more.

The library is open on every Monday from 15:00 to 16:30. For details on borrowing books and other information see the company portal or contact Le Van Quan at 1302.



Club Membership Grows

Since clubs were initiated at Doosan Vina in October 2011 the leaders have presented a strong program with scores of interesting activities. The activities of each club followed the theme of the club and the needs of the membership. To give you an idea of the scope and scale of club activity here at the company we've compiled a report on some of the exciting events held recently by a few of our 17 clubs.

Music Club

The Music Club held their second live show titled "Mộc – Acoustic" and as the title implies "Mộc" which in Vietnamese means "Wood," featured instruments made entirely from wood.

With a talented line-up of 14 groups, that had been preparing and practicing for weeks, the audience was treated to a night of spine tingling musical pleasure.

Following the title for the evening the ensembles were limited to music that could be played on wooden guitars and Cajon drums and they delivered an outstanding array of offerings for the audience to enjoy.

A splendid selection of acoustic music that included selections from the classics, country and light rock were performed to rave reviews.

Taekwondo Club

The Taekwondo Club held its first "Belt upgrade test"

for its 36 members recently under the watchful eye of three Quang Ngai Taekwondo Association Masters. The candidates had to prove



A Taekwondo demonstration



Music club after their second show "Acoustic"

their expertise in four different skills in order to pass.

After the test, all 36 members received passing grades; 33 advanced to Yellow, two received their Blue belt and one was awarded his Red belt.

"We have two targets, first is to see that all our members upgrade their belt level within the year and second is to keep growing our membership roster," said Ho Minh Long, Chairman.

Volleyball Club

The Volleyball Club is one of the most active clubs at the company and has participated in many friendship matches with businesses and organizations in neighboring communities. The latest match was with the Binh Thuan Village Female Volleyball Club which took place on December 11th on Doosan Vina's dormitory court.

This is the first time that the Doosan Vina woman team has had an opportunity to play the Binh Thuan women's team which is considered the strongest volleyball team in the Binh Son district today.

Facing such a strong team was a challenge for the



Friendly volleyball match between Doosan Vina ladies and Binh Thuan team

Doosan Vina woman's team and they put forth their best efforts and kept the match even until the fifth round. "We lost the fifth match to Binh Thuan with an overall for the meet of 2-3 but we are very pleased with what our members did today," said the Ta Thi Bich Chuyen, a DV club member.

Club Festival Night

To celebrate a great year and bring together all the clubs, Labor Relations hosted "Club Festival Night" to review activities and recognize outstanding performance.

Nearly 140 people from the 15 clubs attended the event and enjoyed a great dinner, entertainment by the Music Club and at the conclusion of the event Music Club received the "Best" prize, while second place was



Table Tennis Club (in colored shirt) and LR members

a tie between the volleyball club and Boiler Football club.

English & Korean Club established

To add another learning and social offering to the list of clubs the English & Korean clubs opened on



Left-right: Park Seung Won (LR GM), Tran Khac Tuyen (English Club Chairman), Ngo Thi Tu Uyen (Korean Club Chairwoman) and Ha Van Hung (Trade Union Chairman)

February 27th. The English club will begin with 14 members led by Tran Khac Tuyen (Ext 1342) while the Korean club starts with eight current and is led by Ngo Thi Tu Uyen (Ext 1319).

If you are interested in joining one of the above clubs, or want to hear about other options please contact Labor Relations for more information.



BOM with Club Chairmen

Doosan Vina News Briefs



Doosan Vina Cinema Opens

The frontier is how Dung Quat has been described (where Doosan Vina is located) and like any frontier area entertainment is limited. To provide another way to socialize, become better informed and entertained the Doosan Cinema was opened. It is open to all and everyone is welcome.

The movies featured at the DV Cinema are Korean with Vietnamese subtitles and this is in an effort to enhance the understanding of the Korean culture among Vietnamese while giving our corps of Korean translators an additional way to practice their skills and bond with fellow Korean language majors.

Doors open at the 220 seat Main office auditorium at 18:30 every Monday evening and the Managerial Division who hosts the films, invites all to come out to enjoy one of the first class films being shown.

Although Vietnam and Korea are both Asian countries there are still many differences between the two cultures and though these films it is thought that there can be a better understanding between the host nation and the parent company's culture.

Monthly Kindergarten Check

To try and assure that the environment and health of the children at Doosan Vina's Kindergarten is as safe as possible the school is given a stringent monthly review.

The "Doosan Dream" kindergarten was established and put into operation in June 2012 and has 25 children between the ages of 2 and 5 whose parents are employees of Doosan Vina. The school takes care of the children while their parents are at work and the school also nurtures them in accordance with programs issued by the company and the Vietnamese Ministry of



Education.

During the monthly review one of the prime areas to examine is the food service. To be sure that the food served is of the highest possible quality.

Principal Nguyen Thi Thu Huyen said, "To be sure the food is fresh the kitchen staff goes to the market daily, sometimes twice a day. The children's diet follows strict guidelines that are designed by professionals in nutrition. It is changed regularly to ensure that the children receive a wide variety of tasty meals that have representation from all the food groups and contain the needed vitamins, minerals and required proteins. There is also cleaning staff on duty all day to make certain that the school is always spotless and hygiene is maintained."

New Trade Union Board



The Doosan Vina Trade Union Executive Committee held its second conference and elected a new Executive Committee and Inspection Committee for the 2012 - 2014 term.

The conference was held in the main auditorium at the company's Dung Quat complex in Quang Ngai, Vietnam on September 28th. Officiating were Mr. Tran Quang, Dung Quat Trade Union Chairman, the company's union secretary and other leaders. Also in attendance were 115 representatives of the near 1,200 union members at the company.

The Executive Committee reported the results of the labor movement during the past term and what their plans were for the 2012 - 2014 term. The executive emphasized that all trade union members

are eager to work, produce products of the highest quality, with the greatest efficiency while contributing to the company's development.

The Dung Quat Economic Zone, the company's Party Cell and the company's BOM presented records and direction.

Representatives of the membership presented a number of issues related to employee welfare policies, labor regulations, compensation and many others for the new board to consider during its term in office.

The meeting also included the election of 13 members who will serve as the new executive board for the 2012 to 2014 term and three representatives for inspection committee.

7th technical skill test



Determined competitors

Doosan Vina's technical skill contest began in August of 2008 and has been held twice each year. It has evolved with each round and today it is an event that tests employee skills and pushes their bounds of knowledge to new levels.

The 7th skill contest was held by the Technical Education Department in the middle of December 2012 and involved 53 contestants, which is the largest number to date. New for this round was the addition of theory category that upped the requirements and tested the combatants on their thought processes as well as their practical abilities.

The Theoretical phase took place on December 13th and candidates had to answer 36 questions related to welding technology, schematic drawings, materials and fabrication processes within a 40 minute period.

To enter the practical examine phase only the candidates with the highest overall score were allowed to advance and demonstrate their skills. Moving to Round II were 18 in total. CPE (one), Water (two), Boiler (seven) and HRSG with the most (eight).

The "Practical's" were held on December 21st and the finalists had seven hours to demonstrate their skill in welding and fabrication based on a set of drawings they were given when the clock started.

With the clock running and the pressure on the contestants had to concentrate and use all

their skills to complete their task in the allotted time.

When the bell rang signaling the end of time, La Van Duong of Water won for "Excellence in Welding" Bui Van Hanh of Boiler took second and Doan Tan Hung and Le Van An of HRSG were give encouragement awards. Other awards went to Bui Ngoc Han of HRSG, Le Minh Viet of Boiler and Tran Van Thuong from HRSG for their fabrication skills.

Manpower MOU signed

A manpower supply agreement for students majoring in mechanical related disciplines was recently signed between the company and HCM Industry University in Quang Ngai. This important step was taken to satisfy the growing manpower needs of the shops and departments by the Labor Relations department.

It was decided that a proactive approach needed to be taken to augment the current labor force that is coming from the technical college in Quang Ngai. This has been adequate, but with increased demand a second source was deemed necessary.

Before signing the agreements a technical team from Doosan Vina thoroughly examined the schools training programs, facilities and other related competencies.

At the signing the students had the opportunity to talk with representatives of the company about the welfare, working conditions and other issues important to them.



Ngo Thi Hong Dao, head of Quang Ngai branch of HCM Industry University & Park Seung Won, LR GM

A Busy Bee

By Dieu Linh

Becoming a skilled and talented Painter in the Painting department is no easy task. It is even more so when you've never done this kind of work before. Bui Luong, a 54 year old man at Painting department is known around the shop as an "Industrious & Busy Bee."

"He was born to work and work and work some more," said Do Xanh, a colleague in the Paint Department. Who went on to say, "it's a rare occasion when he goes back at 17:30, he works overtime almost every day, normally until 20:00 but often he's still here at 22:00, he registers to work on Saturday, Sunday and doesn't hesitate to take a double shift either. He usually works 28 or 31 days a month."

Before coming to Doosan Vina, Luong was in agriculture and grew rice, an expert in his field, but he had no training or industrial skills, he worked his farm and took whatever other jobs he could find to feed and raise his four children.

Looking back to the day when Doosan Vina started construction and Luong heard that the company will



Putting the final touches on a project

need 3,000 employees. He was quite excited and happy and began to hope he would get hired, but he was worried that his age was going to be a barrier and that he wouldn't be able to compete with the knowledgeable and younger applicants.

Then one day he heard that Doosan Vina needed some temporary help in the paint shop that didn't require any specific knowledge and was open to people of any age. He quickly applied and was selected. He was optimistic and things began to happen for him. Recognizing his strong work ethic, enthusiasm and eagerness for overtime, his supervisors soon recommended him for a permanent position.

"When I think back I can hardly believe how far I've come, I started in 2009 as a temp, then I got a permanent position and since then I've been promoted, I never dreamed I would be this fortunate," Luong said.

Not one to stand still he is always ready to learn and has now become a painter after serving only a short time as a helper.

"I really thank the company for providing me the opportunity to learn a trade and have a steady income, I also must thank my wife, who is taking care of all the work at the home, looking after the children, the fields and our gardens so I can devote myself to my newfound career," he said.

Bui Luong, a PS painter

Facing life's difficulties with a positive outlook

This parable is about a farmer who owned an old mule. The mule fell into the farmer's well. The farmer heard the mule braying or whatever mules do when they fall into wells. After carefully assessing the situation, the farmer sympathized with the mule, but decided that neither the mule nor the well was worth the trouble of saving. Instead, he called his neighbors together, told them what had happened, and enlisted them to help haul dirt to bury the old mule in the well and put him out of his misery.

Initially the old mule was hysterical! But as the farmer and his neighbors continued shoveling and the dirt hit his back, a thought struck him. It

suddenly dawned on him that every time a shovel load of dirt landed on his back, he would shake it off and step up!

This he did, blow after blow. "Shake it off and step up... shake it off and step up...shake it off and step up!" He repeated to encourage himself. No matter how painful the blows, or how distressing the situation seemed, the old mule fought panic and just kept right on shaking it off and stepping up!

It wasn't long before the old mule, battered and exhausted, stepped triumphantly over the wall of that well!

What seemed like it would end up burying him actually helped him . . . all because of the manner in which he handled his adversity.

THAT'S LIFE! And if we face our problems and respond to them in a positive way, refusing to give in to panic, bitterness, or self-pity we can overcome the most insurmountable obstacles!



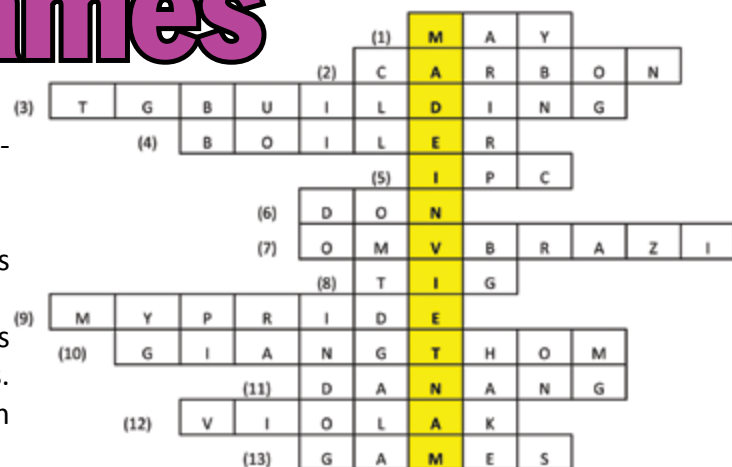
Games

Part I: Answers for last issue:

- (1). Our Grand Opening was held in this month.
- (2). Our HRSG help reduce this kind of harmful emis-sion.
- (3). A MHS's domestic project.
- (4). The most awards was presented to this business unit during Festival 2012.
- (5). This project's equipment is used in the synthesis of polymers during the processing of petrochemicals.
- (6). A Quang Ngai specialty that was introduced in DVN.
- (7). The first HRSG project shipped to Romania.
- (8). One of the welding methods that is very common at Doosan Vina.
- (9). A part of our branding slogan.
- (10). An ideal destination in Quang Nam province.
- (11). We will supply an RTGC to this close by domestic port.
- (12). The peak of this pass has an altitude of nearly 1,300 m above sea level.
- (13). Name of the DVN page or section that you are reading now.

Part II: This month's quiz:

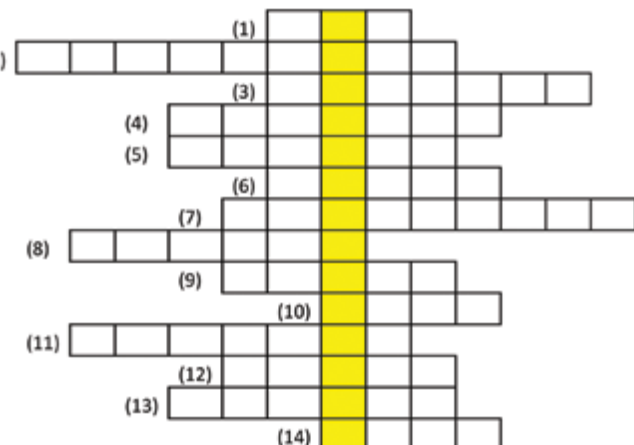
- (Vertical - yellow): This is one of four targets during 2013.
- 1) This sport festival including 14 matches.
 - 2) The month that Doosan Heavy Industries & Construc-tion was established.
 - 3) The elderly here have received a donation by Doosan Vina.
 - 4) You can view the DVTV again on this webpage.
 - 5) The place that you can find all company's importance announcements.
 - 6) Name of the project is to build the largest ever boiler made in Vietnam.
 - 7) This equipment is used to find the welding defect.
 - 8) This word was introduced in English corner and is a divi-sion's name.
 - 9) A medical equipment was donated to Quang Ngai Gen-(2)eral Hospital.
 - 10) An acronym of a 65 ton lifting crane but not RMQC.
 - 11) Doosan Way was rolled out here on September 20th 2012.
 - 12) A kind of beverage was introduced on DVN.
 - 13) A 413MW HRSG is working in this country.
 - 14) An acronym of a big sport event happened in June 2011.



Congratulation winners!

500,000 VND will be splitted for the following people

No.	Name	Emp. No	Dept
1	Le Van My	501688	BLR
2	Le Thi Thanh Huyen	101563	BLR
3	Tran Thi Thu Hong	100733	BLR
4	Tran Hong Nhung	101383	BLR
5	Nguyen Van Ha	101709	BLR



Over four years at Doosan
Starting with many difficulties
And many projects undertaken
It is becoming bright today.

Entering Doosan's complex
Light covering every corner
Workers are focused while
Machines roar resolutely.

Doosan's reputation grows steadily
With five factories and five products
Power equipment, cranes and tanks plus
Those that change sea water to fresh and
others to reduce emissions.

Entering Doosan's complex
Everything looks fine
Offices are spacious
Majestic plants, machinery singing

Everybody wears the same uniform
Hat in orange, yellow, green, purple
To differ each factory
Industrial style bonds us as one.

Doosan's buses queue up
Always ready to serve employees
Bringing us to work and taking us home.

Doosan's products
Are in use around the world
Europe, Asia, the Americas and beyond
Wherever power & water are needed.

In saying goodbye to Doosan
There is no complaint
Wages are always right in the bank
Work & housing is
Always clean and tidy.

Goodbye Doosan
Wish you glorious times ahead
Workers will increase talent until
the company is the best in Vietnam.

I'll soon return home to the North
Leaving many dear friends and
Fond memories here
I will miss you all and Doosan very much!

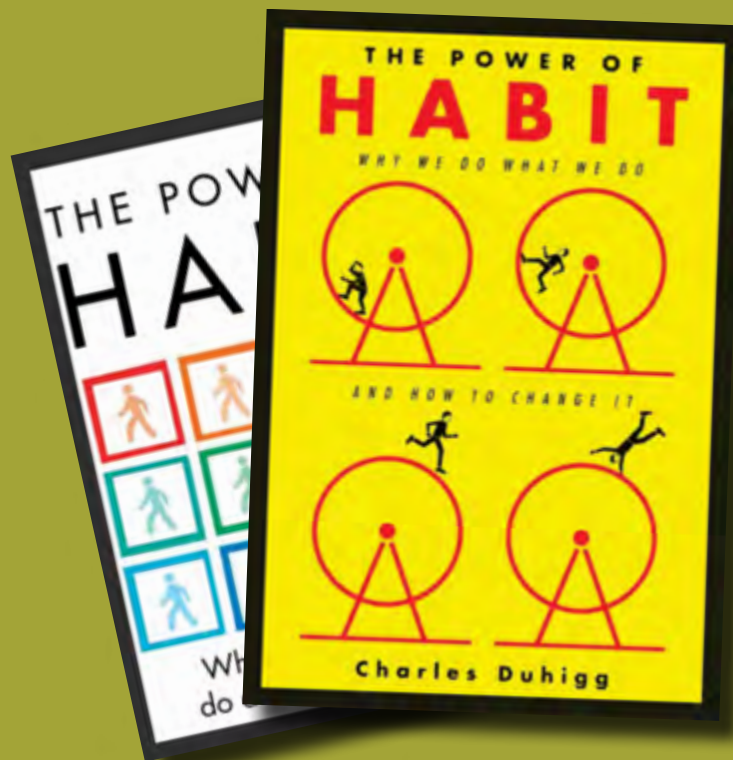
Goodbye Doosan!

Date of birth: 09-10-1948
Address: Sơn Đông ward, Tiên Thắng village,
Tiên Lãng province, Hải Phòng city, Vietnam.
Join in date: 4-8-2008
Position: Manager
Responsible for: Korean translation and safety follow up
Working at: Boiler & CPE shop

The Power of Habit

In "The Power of Habit" Charles Duhigg takes us to the thrilling edge of scientific discoveries that explain why habits exist and how they can be changed. With penetrating intelligence and an ability to distill vast amounts of information into engrossing narratives, Duhigg brings to life a whole new understanding of human nature and its potential for transformation. Along the way we learn why some people and companies struggle to change, despite years of trying, while others seem to remake themselves overnight.

We visit laboratories where neuroscientists explore how habits work and where, exactly, they reside in our brains. We discover how the right habits were crucial to the success of some famous people. At its core, "The Power of Habit" contains an exhilarating argument: The key to exercising regularly, losing weight, raising exceptional children, becoming more productive, building revolutionary companies and social movements, and achieving success is understanding how habits work. Habits aren't destiny. As Charles Duhigg shows, by harnessing this new science, we can transform our businesses, our communities, and our lives.



Safety First

Do not lift or carry objects that are too heavy. You might injure your back or fall, always remember "Safety First!"



Miss Hue's Helpful Household Hints

How to deal with oil in a pot on fire: When the oil in a pot catches fire cover the pot with the lid, when you cut off the oxygen the fire will quickly stop. Do not use water as it will spread the fire.

How to peel garlic fast: Soak the garlic in the warm water for 3-4 minutes then rub the garlic with your hands the garlic skin will fall away and it will be easy for you to peel.

How to cool hot water: put the bowl of boiling water into a larger bowl of cold water with a little salt, this will speed the cooling dramatically.

How to loosen sugar that has hardened: If you don't use sugar for a while it becomes a solid block. To loosen it cover the sugar can with a wet cloth or leave the sugar container in a place with high humidity. Another trick is to put a clean fruit nut into the container for a little while.



English corner

Topic 6: sport (part 1)

Football	: bóng đá
Soccer	: bóng đá
Volleyball	: bóng chuyền
Basketball	: bóng rổ
Handball	: bóng ném
Table tennis	: bóng bàn
Tennis	: quần vợt
Badminton	: cầu lông
Golf	: gôn
Swimming	: bơi lội

Martial arts	: võ thuật
Dance	: khiêu vũ
Chess	: cờ tướng, cờ vua
Jogging	: chạy bộ
Aerobics	: thể dục nhịp điệu
Boxing	: quyền anh
Skiing	: trượt tuyết
Wrestling	: đấu vật
High jump	: nhảy cao
Shooting	: bắn súng



Happy Birthday

Name	Birthday	Dept	Name	Birthday	Dept	Name	Birthday	Dept	Name	Birthday	Dept	Name	Birthday	Dept
To Lan Phuong	14.02	BLR	Dang Nhu Tai	02.02		Vo Tien Hoang	29.01		Le Van Thien	20.01		Le Trung Nhan	01.01	Painting
Le Tan Truc	24.02		Bui Van Thanh	02.02		Pham Thanh Van	01.02		Nguyen Hong Huong	21.01		Ho Hong Chau	01.02	
Vo Vuong	01.01		Pham Thanh Phong	02.02		Bui Ngoc Thanh	03.02		Bui Phi Toan	01.02		Vo Hong Chau	08.01	
Ton Long Hung	01.02		Pham Ngoc Minh	02.02		Tran Minh Tung	03.02		Nguyen Van Trung	22.01		Ngô Văn Khanh	01.12	
Pham Bao Toan	01.02		Vo Thanh Quang	06.02		Truong Quang Dung	06.02		Do Viet Tuan	23.01		Pham Viet Minh	03.02	
Pham Phu Triet	03.01		Doan Van Bao	08.02		Vo Cong Dinh	10.02		Nguyen Mau Linh	24.01		Dang Van Toan	04.02	
Le Van Thanh	04.01		Nguyen Van Duy	08.02		Tran Duc Hiep	20.02		Tran Van Vinh	25.01		Nguyen Quoc Thien	02.12	
Nguyen Van Hai	04.01		Jung Tae Hyung	10.02		Huynh Van Don	20.02		Nguyen Van Khan	27.01		Nguyen Hoa Linh	02.12	
Nguyen Hung Quyet	06.01		Dang Hoang Thach	10.02		Ngô Quang Tinh	22.02		Pham Thao	28.01		Bui Van Trinh	16.02	
Truong Dinh Le Quan	10.01		Huynh Thanh Trinh	10.02		Nguyen Van Phuc	23.02		Le Ngoc An	30.01		Nguyen Thanh Nhan	17.02	
Pham Tuan Hue	10.01		Le Thanh Vien	10.02		Huynh Van Hoa	23.02		Nguyen Van Liem	30.01		Le Minh Doi	20.02	
Truong Huu Phuoc	10.01		Nguyen Van Cac	02.12		Nguyen Van Cuong	03.12		Bui Van My	31.01		Nguyen Huu Tay	20.02	
Nguyen Thi Yen	10.01		Pham Van Tien	02.12		Cao Xuan Nang	18.12		Le Thang	03.02		Le Van Huy	20.02	
Pham Viet Cuong	10.01		Le Van Cuong	02.12		Truong Quoc Dinh	18.12		Pham Van Chinh	03.02		Vo Duy Linh	20.02	
Ta Ngoc Phan	01.12		Dang Cuong	14.02		Tran Tuan Minh	20.12		Nguyen Tam Tri	03.02		Nguyen Ngoc Chau	08.12	
Bui Minh Phuong	14.01		Vo Trong Luan	15.02		Nguyen Dang Tuan	22.12		Vo Van Hao	04.02		Kim Sang Kon	11.12	
Vo Thanh Hoa	15.01		Ho Van Cong	15.02		Nguyen Thanh	27.12		Nguyen Quang Vu	04.02		Le Van Hiep	12.12	
Dang Thi Thao	15.01		Dang Tan Nuoi	16.02		Nguyen Thi Lyuen	01.01	FIN	Nguyen Bo	05.02		Nguyen Thi Dung	12.12	
Nguyen Van Giac	16.01		Nguyen Van Dinh	16.02		Tran Thi Binh	26.01		Dinh Thanh Thao	08.02		Do Xanh	18.12	
Che Dong Phu	20.01		Ta Thien Du	18.02		Huynh Mai Binh	29.01		Ngô Đức Trọng	08.02		Nguyen Van Hien	25.12	
Nguyen Duy Thuy	20.01		Ta Van Di	19.02		Nguyen Nhat Tien	08.02		Nguyen Nhon	10.02		Nguyen Van Thuy	25.12	
Dang Van Khanh	21.01		Le Trung Hieu	20.02		Nguyen Hong Venh	10.02		Phan Thanh Khoa	10.02		Phan Thanh Khoa	28.12	
Phan Dinh Truong	21.01		Tran Thi Yen	20.02		Le Thi Hong Phan	12.12		Huynh Tien Trung	10.02		Pham Xuan Cuong	16.02	
Huynh Van Hoa	21.01		Nguyen Xuan Kim	20.02		Lee Kwan Soo	20.01	HRSG	Tran Vinh Hau	10.02		Le Quang Binh	01.01	NDE
Vo Trung Vuong	21.01		Phan Van Thanh	20.02		Pham Quoc Cuong	27.02		Dinh Quoc Linh	10.02		Bach Van Quoc	01.02	
Huynh Tan Viet	21.01		Nguyen Minh Khai	20.02		Nguyen Quang Vinh	01.01		Tran Van Thinh	10.02		Tran Van Phap	10.01	
Tran Van Tho	23.01		Nguyen Anh Duc	20.02		Pham Xuan Cuong	01.01		Nguyen Nhan	10.02		Tran Van Cao Phi	27.01	
Vo Tat Thang	07.02		Huynh Duc Dung	20.02		Dinh Tan Kien	02.01		Huynh Thanh The	02.01		Ho Trung Tinh	02.12	
Nguyen Thanh Nguen	25.01		Le Quang Nguyen	20.02		Do Thanh Van	03.01		Vo Van Hung	10.02		Le Trung Tinh	10.12	
Nguyen Thanh Cong	28.01		Le Tan Tien	21.02		Vo Dien Tran	01.12		Pham Hong Thanh	11.02		Vu Dinh Thuan	11.12	
Nguyen Tan Tho	28.01		Nguyen Tan Quy	21.02		Do Khong	16.01		Huynh Tan Viet	02.12		Nguyen The Minh	12.12	
Do Viet Hung	31.01		Tran Bang Giang	22.01		Pham Van Ket	18.01		Do Thanh Van	02.12		Nguyen Huu Vu	15.12	
Nguyen Thi Tuong	31.01		Nguyen Minh Khai	23.02		Le Xuan Thien	28.01		Ung Dinh Than	13.02		Nguyen Huu Phi	20.01	QA
Kim Young Becom	01.02		Duong Dinh Thu	24.02		Do Ky Hau	28.01		Vo Thi Co	13.02		Nguyen Huu Thuy	02.02	
Do Minh Khoa	01.02		Huynh Thanh Duc	24.02		Ha Thanh Hoa	14.02		Tran Hiep	06.12		Le Hong Nga	06.12	QC - BLR
Le Van My	01.02		Pham Hong Anh	28.02		Nguyen Trung Nhan	02.02		Nguyen Do Phuong	17.02		Nguyen Thanh Liem	10.02	
Cao Tan Phuoc	01.02		Tran Van Dao	01.12		Huynh Ngoc Hai	04.02		Pham Duy Dung	19.02		Jeong Chang Suk	25.02	
Nguyen Thanh Ho	02.02		Cao Van Ha	01.12		Ho Van Thu	06.02		Nguyen Du	19.02		Le Duc Anh	08.01	QC - CPE
Nguyen Nhu Hoang	02.02		Nguyen Cong Duy	04.12		Vo Van Pho	07.02		Vo Trung Truc	20.02		Nguyen Ngoc Vu	10.01	
Nguyen Van Cuoc	02.02		Nguyen Van Ninh	08.12		Le Van Hieu	11.02		Le Nham	20.02		Nguyen Ngoc Vu	14.01	
Bui Van Nheu	03.02		Tran Van Thanh	10.12		Nguyen Quoc Lam	22.02		Nguyen Thanh Long	02.12		Nguyen Thanh Long	18.01	
Le Van That	04.02		Nguyen Ngoc Vu	10.12		Nguyen Tan Duc	19.02		Nguyen Van Thanh	24.02		Nguyen Van Thanh	10.02	
Phan Van Vy	04.02		Vo Thanh Sang	10.12		Ho Van Nghia	25.02		Phan Van Thanh	25.02		Phan Van Thanh	18.02	
Phan Tan Phung	05.02		Tran The Vinh	12.12		Vo Van Huy	23.02		Ngô Văn Việt	20.02		Jeon Myung Chae	25.02	
Le Duc Quang	06.02		Tran Van Lua	13.12		Nguyen Truong Hau	24.02		Huynh Thi Han Anh	05.12		Huynh Thi Han Anh	05.12	
Pham Van Luong	07.02		Nguyen Huu Thong	14.12		Nguyen Van Tan	27.02		Tran Dinh Tien	06.12		Phan Thanh Duong	31.12	
Nguyen Thi Tuyet	07.02		Do Thanh Tung	14.12		Kim Wi Gye	28.02		Le Van Hien	06.12		Nguyen Phuoc Phung	19.01	QC - HRSG
Doan Van Hai	08.02		Nguyen Thanh Chung	14.12		Ho Thi Nguyen	02.12		Luu Thi Hien	06.12		Ngô Thanh Thu	20.02	
Nguyen Viet Hung	08.02		Dong Trong Quyen	16.12		Nguyen Van Linh	08.12		Phung Dinh Tang	01.12		Dang Quang Dong	16.12	
Doan Khac Vy	08.02		Nguyen Huu Sinh	20.12		Nguyen Duc Linh	12.12		Nguyen Nhut	01.12		Bui Trung Cong	22.12	
Dang Quang	08.02		Nguyen Van Hai	20.12		Huynh Tan Son	20.12		Bui Thi Kim Van	02.12		Thai Dung Khoa	30.12	
Nguyen Niem	10.02		Le Thanh Tan	21.12		Ta Van Tien	20.12		Nguyen Thanh Nguyen	04.12		Phan Thanh Duong	31.12	
Nguyen Tan Vuong	10.02		Bui Thanh Tuan	21.12		Doan Tan Phung	20.12		Doan Tan Phung	10.12		Nguyen Phuoc Phung	19.01	
Nguyen Anh Ai	10.02		Nguyen Tin	22.12		Ta Anh Viet	10.12		Do Van Tan	22.12		Ngô Thanh Thu	20.02	
Huynh Quoc Ky	15.02		Vo Thanh Vinh	22.12		Ho Van Chien	27.12		Bui Van Tin	12.12		Ta Van Truong	05.02	
Vo Huu Trong	19.02		Huynh Van Tam	23.12		Pham Van Khanh	28.12		Ngô Văn Mỹ	12.12		Bui Van Au	06.12	
Le Dinh Tich	20.02		Nguyen Van Hoan	25.12		Kieu Quoc Cao	30.12		Vo Thi Nga	07.12		Nguyen Thi Ngoc Dung	01.01	QC - MHS
Nguyen Thi Ha	21.02		Le Nguyen Hong	30.12		Nguyen Van Tin	05.02		Tran Trung Toan	15.12		Pham Thi Ngoc Dung	11.01	
Chau Thanh Dat	24.02		Le Van Thuyen	30.12		Nguyen Dinh Quat	24.02		Tan Thi Loc	16.12		Nguyen Thanh Hien	11.01	
Pham Ngoc Sinh	24.02		Beon Jong Deok	08.02		Nguyen Minh Thang	16.12	HRD	Nguyen Thanh Son	16.12		Nguyen Thanh Hien	11.01	
Huynh Tien Dat	26.02		Nguyen Van Tinh	20.12		Tran Van Cao Long	27.01		Ho Ngoc Huy	19.12		Nguyen Duy Phong	01.02	
Vo Van Thanh	01.12		Nguyen Tan Vu	20.12		Vo Hoang Thong	18.01	HRM	Nguyen Huu Bao	20.12		Cao Hong Son	08.02	
Bui Quang Dieu	01.12		Ngô Thị Vi	14.01		Nguyen Thi Tuong Sa	01.12		Pham Van Phuc	20.12		Dong Xuan Hieu	20.02	
Phan Viet Ha	02.12		Pham Thi Kim Yen	19.02		Park Jong Sang	13.11		Le Hung Van	21.12		Nguyen Tai Chinh	10.12	
Le Anh Vu	05.12		Hong Jin Seong	27.12	Design	Tran Thien	17.01	LR	Doan Quoc Dat	22.12		Nguyen Trung Dao	24.12	
Nguyen Van Chung	10.12		Nguyen Phu Loc	14.01		Le Van Kim Doan	10.02		Le Quang Hung	22.12		Le Quang Hung	15.02	QC - Water
Do Minh Vy	10.12		Nguyen Ngoc Tien	24.01		Dao Quoc Ho	24.12		Truong Thanh Tung	22.01		Nguyen Thanh Tung	22.01	
Nguyen Van Quoc	11.12		Tran Van Oai	25.01		Le Ngoc Thanh	01.01	TE	Nguyen Van Thang	24.12		Nguyen Hai My Trinh	02.02	
Nguyen No	12.12		Nguyen Ha Thien	20.02		Pham Hong Luu	05.02		Nguyen Kim Hung	27.12		Dinh Luan	02.12	
Duong Dinh Di	14.12		Nguyen Cong Trinh	18.12		Tran Duy Khai	17.12		Lam Ngoc Tin	28.12		Truong Quang Lai	01.12	
Nguyen Van Thinh	16.12		Cao Van Hau	30.12		Ngô Thanh Ca	20.12		Vo Van Khanh	28.12		Vu Van Dong	20.12	
Le Duy Hung	20.12		Lee Hyoun Suk	03.01		Kim Gwang Ju	01.01	ADM	Nguyen Van Minh	28.12		Huynh Tan Ky	01.01	Water
Nguyen Quang Bao	20.12		Nguyen Van Phat	03.02		Le Dinh Tu	10.01		Pham Thanh Hoc	25.01		Nguyen Quoc Huan	01.01	
Pham Chu Trinh	22.12		Jung Yeon Seok	15.02		Dinh Thi Nhu Y	01.02		Kim Soon Tae	16.01		Bui Minh Cuong	04.12	
Truong Van Luan	25.12		Pham Tan Khuong	10.02		Nguyen Anh Vu	27.02		Tran Thang Duy	21.01		Nguyen Thanh Huan	10.12	
Tran Duy Son	29.12		Tran Quoc Hung	26.02		Kim Nam Oh	23.12		Tran Trung Dung	02.02		Huynh Trong Phap	07.01	
Nguyen Van Tien	26.01		Ly Kim Ung	09.12		Cao Thi Ngoc Uyen	26.12		Sao Dong Phuong	17.12		Tran Vi Hong	08.01	
Le Thi Thanh Huyen	26.01		Tran Vinh Le	28.12		Nguyen Dang Vy	30.12		Seo Dong Ryed	26.12		Vu Dinh Ngai	10.01	
Tran Anh Tuan	02.12		Huynh Long Trung	01.01	EHS	Nguyen Van Chau	28.12		Nguyen Quang Du	16.01	LS	Nguyen Quang Du	16.01	
Kim Tae Kyeong	08.12		Truong Tan Sy	01.01		Le Thi Huyen Trang	10.01	PR	Huynh Thi Xuyen	18.01		Pham Hong Thai	18.01	
Tran Hong Nhung	17.12		Huynh Van Dung	01.12		Dale E Gerstenslager	19.01		Bui Thi Thu Thuy	20.02		Nguyen Van Thang	23.01	
Jeon Hyun Kook	12.12	CPE	Dang Minh Nghia	15.01		Pham Thi Sen	30.01		Ho Chi Huan Sie	08.01	TP	Bui Quang Mau	23.01	
Nguyen Van Vu	01.01		Tran Minh Luong	27.01		Huynh Van Truong	08.02		Joo Woo Jung	30.01		Nguyen Van Thinh	24.01	
Pham Dinh Tan	03.01		Nguyen Viet Duy	16.02		Le Thi Dieu Linh	27.12		Truong Hoai Nguyen	20.02		Pham Phu Quy	02.02	
Truong Quang Vu	24.01		Nguyen Thi Ha	23.02		Nguyen Ngoc Hai	02.01		Nguyen Duc Thuan	05.02		Nguyen Duc Thuan	05.02	
Nguyen Xuan Phong	02.12		Dang Van Hau	28.02		Nguyen Thi Tuan Nga	01.02		Pham Thi Ngoc	02.12		Pham Ngoc Quy	03.01	
Le Sung Kyoo	19.02		Nguyen Minh	10.12		Tran Xuan Hai	28.01		Nguyen Thi Ngoc Loan	04.12		Nguyen Van Vy	09.02	
Dang Van Tho	19.02		Bui Ngoc Hung	20.12		Doan Thi Thanh Thanh	10.02		Pham Thi Bich Tuyen	05.12		Bui Ngoc Trinh	05.02	
Hong Kim Tu	28.02		Pham Thi Nuong	22.12		Vo Thi Dieu Thao	10.02		Nguyen Hong Chinh	22.12		Nguyen Ngoc Diep	09.02	
Nguyen Van Thanh	10.12		Nguyen Thi Cuc	26.12		Nguyen Ngoc Men	20.02		Trinh Thi Hoa Vi	30.12		Nguyen Thanh Do	10.02	
Nguyen Ngoc Vinh	09.02		Lee In Gi	01.01	EPC/PM	Phan Thi Kha Han	11.12		Nguyen Phuoc Huu Nghi	01.01	IT	Nguyen Van Chuong	02.12	
Nguyen Tan Hung	10.12		Nguyen Thi Hong	04.01		Nguyen Nghia	20.12		Do Thi Kim Ngan	01.02		Nguyen Van Thanh	02.12	
Phan Xuan Phu	01.01		Ahn Hee Jia	09.12		Tran Minh Thu	21.12		Huynh Thien Hoang	17.01		Nguyen Van Tuan	02.12	
Nguyen Bay	01.01		Duong Thi Lan	10.12		Ho Minh Long	01.01	MHS	Cao Thi Huyen Trang	02.12		Pho Van Khoa	02.12	
Vo Ngoc Hung	01.01		Nguyen Dinh Dung	01.01		Nguyen Van Trang	30.01		Tran Thi Kim Nuong	02.12		Nguyen Duc Diep	02.12	
Nguyen Cong Binh	05.01		Dong Van Tho	01.01		Lee Yong Woon	22.02		Pham Thi Minh Tuong	10.12		Phan Nhu Thuong	15.02	
Nguyen Van Vu	01.01		Nguyen Kieu Binh	05.01		Dao Ngoc Tung	07.12		Ho Thi Ngoc Ha	26.12		Dinh Duy Lop	16.02	
Vo Minh Koi	01.02		Pham Van Sy	08.01		Nguyen Ngoc Hung	01.01		Bui Van Ngoc	01.02	MP	Huynh Tan Hiep	18.02	
Le Cong Ly	01.02		Pham Nhat Huy	20.01		Nguyen Ngoc Quang	01.01		Nguyen Thi Phuong Nhi	04.02		Nguyen Van Thang	18.01	
Truong Van Tu	01.02		Tran Thi Thai Hiep	02.02		Pham Nguyen Ket	20.01		Quang Trung Loc	20.12		Nguyen Thanh Cuong	18.01	
Pham Trung Thien	04.01		Dang Van Sy	02.02		Pham Bao	01.01		Nguyen Thi Thuan	08.01	OE	Phan Tan Tra	20.02	
Nguyen Tan Quoc	05.01		Nguyen Tan Khai											