



Power & Water for Tomorrow

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Global Customer Service
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MADE IN VIETNAM
MY COUNTRY - MY PRODUCTS - MY PRIDE

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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Building Your Tomorrow Today!

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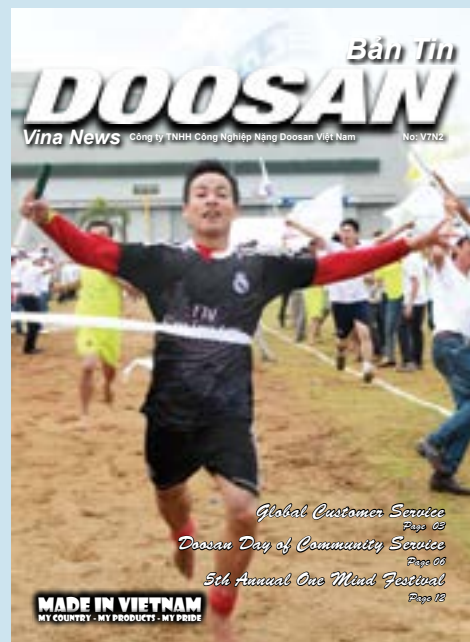


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On the Cover

The cover of this issue shows the victorious Bui Van Nhieu carrying the baton across the finish line to win the 2,000 meter relay race in the Fifth Annual One Mind Festival (OMF) for the Boiler Shop. Each ten person team consisted of eight men and two women. For more information on the April 11th 2015 festival turn to page 12.

Bridge Building

Looking at what has been done here at Doosan Heavy Industries Vietnam since our last issue and thinking of an appropriate theme it occurred to me that “Bridge Building” is a part of Doosan’s DNA and one way to sum up what has been accomplished.

We held the “Fifth Annual One Mind Festival” that gives the entire 2,500 workforce a chance to meet and have a day of comradery that builds bridges between employees who normally work in far distant reaches of the 110 hectare complex.

We had the second Doosan Day of Community Service that is a companywide global initiative that saw some 11,500 employees worldwide spends a day helping people in their neighborhood. In Vietnam we built bridges to the local community by renovating a local school. The day involved the donation of \$10,000 in new desks, paint, landscaping and other supplies. And 100 employees also spent a day renovating the school.

Building a bridge to other companies in the area the Organizational Culture Department reached out to Foster Electric in Quang Ngai and arranged a day for singles from the two companies to meet and have a fun day at the beach with other working singles.

Internationally the Water shop built a bridge between Southeast Asia and the Mideast by sending a team to Saudi Arabia to check on a recent Sea Water Reverse Osmosis Desalination plant manufactured by Doosan Vina.

This is just a small sample of all the bridges that were built and we invite you to turn the page to see all that has been going on here at Doosan Vina’s Dung Quat Economic Zone, high tech, state-of-the-art, the mega industrial complex located here in Central Vietnam’s Quang Ngai Province.



BENCHMARKING »

Taking Customer Service around the World



Huyen Trang

After completing and shipping the first ever “Made in Vietnam” Sea Water Reverse Osmosis (SWRO) desalination plant at the end of 2014 a group of Doosan Vina employees set off to follow their work to Saudi Arabia so they could see first-hand how it was working, visit the client and learn more about making future projects easier to install.

The January 9 – 16 trip saw Hwang Hyeon Sang, Water and PID Director, Le Xuan Vuong, Production Section Manager and Nguyen Quoc Huan, Manufacturing Engineering Section Manager travel to the Mideast to visit several sites that Doosan desalination plants are now hard at work converting salty sea water into life giving fresh water to bring the parched desert lands of Saudi Arabia to life.

Since opening in 2009, Doosan Vina has sent eight massive desalination plants to the Mideast that are now producing 660 million liters of fresh water per day.

During the seven day trip the group visited four construction sites including the: Shuaibah Independent Water & Power Project, Jeddah RO Site, Yanbu III, Yanbu MED and the Marafiq project.

Speaking about his business trip, Production Section Manager Le Xuan Vuong said: *“It was an honor to be a part of this and it was encouraging to hear the praise of our product quality and on-time delivery from the customer. I learned quite a bit about the customer’s needs and was able to put together some innovative ideas that we should be able to apply to future projects.”*

Manufacturing Engineering Section Manager Nguyen Quoc Huan said, *“I learned many things by being involved in the trip that would not have been possible had I not been directly involved, for example I saw new technology that we’ll be able to apply at Doosan Vina as well as now being able to recommend some different fabrication processes that will save time and money on our end and make the installation easier at the assembly site.”*



On site in Saudi Arabia



Le Xuan Vuong, Production Manager of Water shop at a Doosan Desalination Plant in Saudi Arabia

Nearly 3,500 tons of Product Shipped



Dieu Linh

With an export target that exceeds last year's by 50% the marketing team, the five shops, Quality Assurance and the Product Innovation Division have all been sprinting ever since the year began in order to meet the goal.

HRSG's Talimarjan project

The 2,543 tons of Heat Recover Steam Generator (HRSG) Modules and Links shipped are part of a 450 MW modernization project being carried out at the Talimarjan, Uzbekistan Power Plant.

The contract was signed in December 2013 and includes a HRSG unit that will help the Talimarjan power plant increase its power generation by 30% through the recovery of wasted energy.

This is the HRSG Shop's first shipment to Uzbekistan and brings the total HRSG's shipped by Doosan Vina to 12 units that have added 4,850 MW of much needed power to the worldwide grid. It also represents the 28th country in the world that now has "Made in Vietnam" Doosan Vina products hard at work improving life for people all over the planet!

CPE's NSRP project

Chemical Processing Equipment (CPE) shop made two shipments to Vietnam's second petroleum refinery, the Nghi Son Refinery & Petrochemical (NSRP) project which is now under construction in Vietnam's Northern Province of Thanh Hoa. The February 27th shipment was the first of the two to the NSRP project and included 19 high tech pressure vessels with a combined weight of 210 tons. The second shipment was sent on March 18th and included 13 vessels weighing 277 tons.

The NSRP project was signed with JGC, SK và Chiyo-da on March 21, 2014 for 141 pressure vessels with a total weight of 5,125 tons. The largest tank in the first shipment was: 4.48m in diameter, 19m long, weighed over 36 tons and was made of 15mm carbon plate steel.

Since early March we have exported 3,460 tons of product of which HRSG is leading the way with 2,543 tons. When that is added to the prior month's tonnage we have a year-to-date total of 10,155 tons shipped. Details of the most recent shipments are below.

Following closely on the heels of the first shipment was the second batch that saw 13 vessels made of 18mm carbon plate steel for the project.

"We are proud to be the factory that has made the most shipment during last two months and we are also the first shop that sent the first shipment from the company in the year of Goat. The project will require three more shipments and the last one will be sent out in May" said Phan Huong, CPE's Project Manager.

The \$9B Nghi Son Oil Refinery & Petrochemical Ltd. project commenced construction in October 2013 on 400 hectares in the Nghi Son Economic Zone of Thanh Hoa Province and is expected to produce 200,000 barrels of crude oil per day beginning in 2017. The main products include high octane unleaded gasoline, fuel oil and bitumen, along with

petrochemical products such as polypropylene and polyethylene terephthalate (PET) and associated feedstock.



CPE high tech pressure vessels awaits shipment

CPE's Luberef Yanbu project

This combined project includes four subprojects and is for a total of 89 pressure vessels weighing 709 tons. The deal was signed in October 2013. Of the four projects: Number 72 has 32 tanks weighing 131 tons, project Number 73 includes 35 tanks weighing 210 tons, project Number 74 consists of 5 tanks weighing 74 tons and project number 86 has 17 tanks weighing nearly 341 tons.

Water's Yanbu Phase III VO Piping Shipment

Water shop completed its 5th shipment to Yanbu city, Saudi Arabia on April 4th. The shipment includes piping systems for the 4 previously shipped 4,500 ton, 92 million liter perday desalination plants made by Doosan Vina. The pipes weighed a total of 225 tons and will be used to carry seawater to the evaporators for conversion into fresh potable water to meet the needs of several million people in the arid lands of Saudi Arabia. The project is now more than 80% complete and the last shipment of piping is expected to go out on June 10th.



Doosan Vina's dedicated port is always busy with shipments to ports all over the world

Doosan Day of Community Service to help people in Viet Nam



My Hanh

Following the success of the inaugural global “Doosan Day of Community” (DDCS) the Doosan Group organized a second DDCS on March 23rd 2015. DDCS II saw employees from Doosan’s 38 worldwide operation centers once again mobilize to help their neighbors.

The first DDCS was held on October, 24th 2014 and on that day 11,548 Doosan employees in 13 countries around the world spent a day helping people in their local community.

For the second DDCS here in Vietnam, Doosan Vina provided \$10,000 or 210 million VND so the more than 100 employee volunteers could upgrade Binh Nguyen 1 Primary School in the Binh Son District of Quang Ngai Province. The team painted six classrooms, repaired the parking area, replaced 104 desks and five doors, cleaned the entire campus and planted some new flowers and trees at the school. The aim was to provide the students with an environment that will aid their studies and make learning a little bit easier.



Lee Sung Hoon, Deputy General Director, Management Division assembling chairs for Binh Nguyen Primary School

YM Park, Chairman of the Doosan Group speaking to the company’s 42,600 worldwide employees in a video message about DDCS II said, “Last year’s DDCS



Ryu Hang Ha and Kim Yong Soo present the certificate of support to Binh Nguyen Primary School



Volunteers paint a classroom



Ryu Hang Ha (right), Senior Vice President of DHIC and CEO of Doosan Vina, assembles furniture

was a great example of what can be accomplished when we work together for the good of our neighbors, this second DDCS is going to do more and go further to help the local communities where we operate, we are also determined to make each event better than the last.” Park went on to say, “The word “Doosan” literally means a mountain that is formed by piling small pieces, one on another until you have a mountain, so with that in mind, let’s work together and build a mountain of goodwill through service to our communities.” Hang Ha Ryu, Senior Vice President Doosan Heavy Industries of Korea and CEO at Doosan Vina said, “We are proud to be a part of this effort and it is heartwarming to be part of a company that values service to the community enough to dedicate so many resources to helping others, Proud People, Proud Doosan!”

A second event in conjunction with DDCS was a trip to the memorial of former Vietnamese Prime Minister and Quang Ngai native, Pham Van Dong (1906 - 2000) for a group of 110 students and teachers. Doosan Vina sponsored the trip and the group was also treated to lunch and a tour of the company.

Going forward Doosan Day of Community Service will be take place twice per year and DDCS III is scheduled for September 18th.



Ryu Hang Ha, Senior Vice President of DHIC and CEO of Doosan Vina



The photo gallery



A tour of memorial of former Vietnamese Prime Minister and Quang Ngai native, Pham Van Dong in DDCS



Doosan Vina's volunteers and Binh Nguyen Primary School's pupils



A group of students and teachers with Doosan Vina's volunteers at DDCS

Training to Bridge the Gap

First Aid Training for Kindergarten Teachers

To minimize the risks to children at the kindergarten, the Health Center of EHS held a First Aid Training Course for nine teachers of the Doosan Dream Kindergarten.

In order not to affect to teaching, the nine teachers were divided into two groups for the training. The course was led by Doctor Do Van Son and Nurse Nguyen Thi Kim Huyen. Each class took four hours.

During the training course, the teachers were shown the latest methods of first aid for children of kindergarten age. The training program included seven subjects: Muscular problems, burns, Fractures, Impaired breathing, Cardiac arrest, Electrical shock, Blocked airways and Treating children with high fever and convulsions.

After the theory portion, the teachers practiced on a dummy and a young child to get familiar with the procedures.

Doosan Dream Kindergarten was established in April 2012 to keep and take care of employees' children. There are 79 children; three classes and nine teachers at the Doosan Dream Kindergarten.



Teachers practicing CPR on a dummy

Da Nang Foreign Language University Interns

The Human Resource Management of Doosan Vina welcomed 12 students who were majoring in Korean from The Da Nang University of Foreign Languages for an internship. The internship was from March 9th to April 24th 2015.

This was a great opportunity for students to apply their knowledge and to work with native speakers in a Korean company. The students also could improve their teamwork skills and other soft skills.

During the internship at Doosan Vina, all students were supported with meals, housing and subsidized 500 thousand vnd/month/student by Doosan Vina.



Interns & Mentors listen to presentations



12 Interns & Mentors pose for a memorial photo

Safe Operation of a Magnetic Crane

Towards the goal of "Zero Accidents" throughout the company, the Machine Maintenance (MM) Department held "Handling emergency situations" training for sudden power failure when operating magnetic cranes. Forty employees of CPE, Boiler, EHS and MM attended the March 11th training. This training program aimed to help them to improve their ability in handling emergency situations related to electromagnets cranes.

This was the first safety training course of the "Safe Training Plan 2015" of the MM Department. The training process included: Features of the TS030 (20 tons); The operation mode of the remote control devices and magnetic systems; Situations that can occur when power is cut and practicing a hypothetical situation of sudden power failure.

Through this practical training course, employees had the opportunity to understand the operational skills as well as be able to handle the situation safely and efficiently to ensure safety during operation.



A high tech remote control crane



A heavy lift crane system in one of the five shops



Ngo Tu Uyen, SM of OE leads a training course



A training session in progress

Lean Academy for Staff

In order to improve the knowledge of innovative activities and move towards a lean manufacturing system, The Operational Excellence (OE) Department hosted a Lean Academy training course for engineers, office staff and workers. The program's content had two parts: one for engineers and office staff and one for workers.

From 7th to 9th of April, the OE Department held three classes to train for 116 engineers and office staff. The course was led by Tran Khac Tuyen and Nguyen Doan Trung Nhan.

Through the course, students gained knowledge on the need of change through the story "Shadow of the Neanderthal." In addition, they had opportunity to understand eight types of waste in the production process which most businesses face.

Building Bridges Of Friendship In Quang Ngai

Love is a bridge that many are wary to cross. To help overcome that fear the Organizational Culture (OC) Department at Doosan Vina in cooperation with the Unions and Foster's Quang Ngai branch organized "Love Bridge" so that singles from the two multinational companies could meet, get to know each other and build relationships.

The first "Love Bridge" was held in August 2014 and was strictly an internal event for Doosan Vina staff. Because of that success OC decided to look for ways to expand the program and the potential pool of singles.

OC soon found Foster, another large MNC in Quang Ngai to be a willing partner that embraced the idea and agreed to help organize the second Love Bridge. The expanded Love Bridge saw 30 men from Doosan Vina joined by 30 women from Foster in Quang Ngai for day of fun and games aimed to build friendships and maybe more.

The fun started at two in the afternoon of March



Exchanging phone number's



Preparing balloons for a game



Excellent couples are recognized



Sand race on the beach



Push-ups competition



She ain't heavy, she's my partner

28th at My Khe Beach, a popular recreation area in Central Vietnam's Quang Ngai Province, where all the lucky participants were assembled in anticipation of what may lay on the other side of the "bridge."

First they got to know each other with some ice-breakers and then a pair's game was held which forced the participants to gather telephone numbers, learn about each other, rotate, repeat and then choose the person they liked most. Each pair was then challenged to compete in several games that required teamwork and cooperation. One such game that caused many to laugh till it hurt was "Break the Balloon." In addition to the games some excellent entertainment was provided by some of the more talented and gifted pairs.

Love Bridge hopes to provide an opportunity for working singles to meet others who because of their careers feel isolated, have limited opportunities to socialize and are bored. One of the Doosan participants said, "Through events like this employees see that the Doosan Way is more than words, it is action, it is about the whole person and their growth as employees as well as human beings!"



Cheering their friends on



Over 60 participants from Doosan Vina and Foster came together to build bridges



Together for a memorial photo

Doosan Vina's 5th Annual One Mind Festival

Doosan Vina's 110 hectare complex is normally a bustling high tech heavy industrial site that is awash with the sounds of massive machinery building power plants, desalination plants, mega cargo cranes and immense chemical processing equipment for refineries.

Saturday 11 April, 2015 that all changed as the machines idled and the 2,500 employees gathered for the Fifth Annual One Mind Festival!

Kicking off the daylong event that has a budget of 2 billion VND or \$100,000 and features games, sport and entertainment competitions was CEO Hang Ha Ryu. Ryu led his team of two thousand five hundred in a rousing cheer with this year's theme: "Unite! Act! Succeed! - Team Doosan!"

and then proclaimed the games open.

Also attending were 300 VIP's representing

government agencies, organizations as well as customers, partners and family members of employees.

Although production is halted for the day employees are paid and given a chance to bond with their colleagues across the company in a day of team building that is packed with Games, Sport and a Talent show.

The festival began with a series of games that require strategy, skill and cooperation. Parachute running was new this year and proved to be much more difficult than the teams thought, the sport part of the day is always a highlight and the Korean - Vietnamese Tug-of-War was a favorite as were the wrestling, the football tournament and the relay race.

The final event of the day, the entertainment competition is the most anticipated. Thirteen employee groups, who had practiced for weeks, took to the stage for the opportunity to be declared the best and take home the prize. Interspersed through the evening were performances by a couple of Vietnam's more famous singers Khong Tu Quynh and Ngoc Diep.

After an action packed day the grand finale of Doosan Vina's Fifth Annual One Mind Festival was the last of the lucky draws and the crowning of the days winners. Final results saw the Boiler

Division take home the first place award in both the Games and Entertainment categories, Water won the coveted 5th Football Championship Cup, the PSD Division took the Volleyball Champion Cup and hundreds of lucky draws and prizes were awarded to employees during the course of the day.



Guests and Doosan Vina management at the Festival opening



Nguyen Tong My Phuong & Le Kim Phuong Lam read the oath



Fans of the MHS shop



Le Viet Chu, Chairman of Quang Ngai PPC speaks at the ceremony



Fans of FSD



Phan Thanh Y, OE



Fans of QAD & EHS

Nguyen Anh Vu, MHS rallies his mates



Some of the 2500 people who attended Doosan Vina's Fifth Annual One Mind Festival

Hang Ha Ryu, Senior Vice President & CEO of Doosan Vina opens the festival

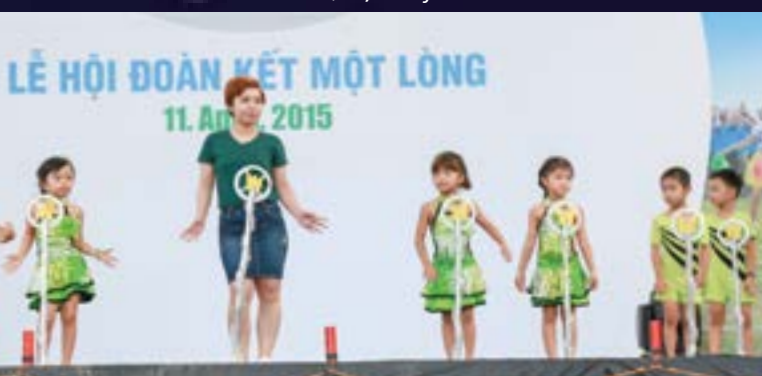
Talent Show Star Performers



Le Minh Viet & Dang Van Khach, Boiler shop



QAD/EHS fans



"Nobody" by Doosan Dream Kindergarten



and MCs at the closing



"Boiler's Got Talent" by Boiler



"Tai Tu Vung Cao" by HRSG



Ngoc Diep from Da Nang



Talent Show Judges: Le Thi Kim Thuy - Party Secretary of the Business Sector, Nguyen Dong - Vice Chairman Quang Ngai Labor Federation and Pham Thi Thuy Kieu - Vietcombank Quang Ngai Director (L-R)

2015 "One Mind Festival" Winners

Talent Show



First Place – Boiler



Second Place – HRSG



Third place – Financial Division

Sport



Football Championship Cup went to the Water shop



PSD takes First place in Volleyball

Games



First Place for games – Boiler



Many great lucky draw prizes



Two Fridges presented to lucky employees

Doosan Vina's Fifth Annual "One Mind Festival" Games, Sport &



A two horse open sleigh



"Mua Giay" by IT



"Vu dieu EHS" by EHS



Performance by Vietcombank Quang Ngai



Race for the rope in "Tug of war"



Enjoy the win



Trying to close the gap



Volleyball Final between PSD & Water



Women Wrestling



Performance by Mai Linh Taxi



Parachute race



"Up and Down" by Main Office



"Forever" by Music Club



Tossing water balloons at the boss



Follow the bouncing ball



Tug-of-war requires strength



"Mua Truyen Thong Han Viet" by Financial Division



"Su Ket Hop Hoan Hao" by OE & Sales & Marketing



"Ho Thien Nga" by CPE



Doosan Vina's leaders

Strategic Partnerships Solidified

Vietnamese Department of Energy

A ten member delegation of Vietnam's highly prestigious General Department of Energy made an official visit to Doosan Vina in March. The group included leaders from the state power industry group which oversees: Thermal Power, Nuclear Power, Oil and Gas and other areas in the energy sector.

Led by Dang Huy Cuong, Director General of the Vietnamese Department of Energy the group met with Doosan Vina's management to discuss power development and learn about the company and its products.

General Director Dang Huy Cuong was very impressed by Doosan Vina's facilities and the high tech equipment in use around the complex, as well as the excellent employee morale he witnessed while touring the shops and port. He was also encouraged by the level of localization at the company and in relation to the support and involvement of Doosan Vina in Vietnam's Key Mechanical Products program.



Vo Thanh Hoa explains a Boiler project to the delegation



Le Van Dung, Deputy Head of Dung Quat Economic Zone Management Board, Dang Huy Cuong, Director General of the General Department of Energy (L-R)

Petro Vietnam Visit

Nguyen Quoc Khanh, CEO of Petro Vietnam from Hanoi visited Doosan Vina while on a trip to the Binh Son Refinery located near Doosan Vina in the Dung Quat Economic Zone.

Ryu Hang Ha, CEO and General Director of Doosan Vina welcomed the group of 16 distinguished guests from Petro Vietnam (PVN) on the afternoon of March 26th, Ryu greeted PVN CEO Nguyen Quoc Khanh, Nguyen Hoai Giang, Chairman of the Board of Binh Son Refinery (BSR) and a number of other senior PVN and BSR officials on arrival at the company's Main office complex.

The leaders discussed the strategic partnership opportunities that were available and spoke of the potential for long-term cooperation on several key energy projects in Vietnam. They also reviewed the history between the companies that dates back to the early days of BSR and Doosan Vina when the company made much of the equipment needed to open Vietnam's first refinery.



Visitors of Petro Vietnam on a shop tour at the Boiler shop



Ryu Hang Ha and Nguyen Quoc Khanh (4th & 5th from right) with their teams

Central - Highland Provincial Leaders Visit

On the afternoon of March 20th, the leadership of the 18 central provinces visited the company while in the area for the Congress of the Central and Highland Regions that was being held in Quang Ngai.

The 150 leaders were led by Truong Quang Truong, Secretary of the Party for State Agencies in Quang Ngai. The visit gave the delegation an opportunity to

better understand the nature of heavy industry and Doosan Vina was able to explain the opportunities we offer in the Power, Water, and Material Handling and Chemical Processing sectors.

Lee Sung Hoon Deputy General Director, welcomed the distinguished visitors, introduced the company and our products, and thanked the provincial leaders for coming to the company.



Lee Sung Hoon, Deputy General Director (front center) of Doosan Vina and Central - Highland Provincial leaders

Vietcombank Vice General Director Visits

Since its founding, Doosan Vina has enjoyed excellent relations with Vietcombank and that is not only in matters of finance, but also in relation to CSR and sporting events. The visit by Nguyen Thi Kim Oanh, Deputy General Director of Vietcombank, Vietnam and Pham Thi Thuy Kieu, Director of Quang Ngai was an indication of the high value relationship between the companies.

The visit gave Nguyen Thi Kim Oanh and the seven members of her group a chance to have a first-hand look at the scope and scale of the company and our mega products.

Nguyen Thi Kim Oanh spoke of the exceptional cooperation between the companies and the mutually beneficial relationship that has existed for many years. Ryu Hang Ha, CEO and General Director expressed his appreciation for the partnership between Doosan Vina and Vietcombank that has steadily grown and developed over the years.

Concluding the meeting Ryu and Nguyen reaffirmed their commitment to continue to work closely together to seek additional ways to help Vietnam and each other continue to grow.



Nguyen Thi Kim Oanh, Deputy General Director Headquarters Vietcombank and Pham Thi Thuy Kieu, Director Quang Ngai Vietcombank.



Doosan Vina's CEO and visitors of Vietcombank

Chemical Processing Equipment that is Safe for the Environment and Staff

The Chemical Processing Equipment shop (CPE) was the first shop to go into production among the five shops of Doosan Vina. The shop specializes in the manufacture and supply of chemical processing equipment that is used to turn the earth's natural resources into the useful products we use every day.

The 16.7 hectare of the CPE shop is divided into four main work areas: The Main Shop (which is by far the largest), Radiographic Testing, The Mobile Paint Shop and the Sand Blasting Shop.

The Main Shop is equipped with the most up-to-date machinery and equipment to enable produc-

tion of the world's most high tech, super weight and longest chemical processing products available today.

The equipment produced in the shop closely resembles spacecraft and can weigh up 500 tons +, and be as long as 100 meters or more.

CPE also has a large office building and a cafeteria that serves meals for the more than 380 employees who work at the shop.

The five teams of CPE that are explained below are: Manufacturing Support; Manufacturing Engineering, Production Control, Production, and EHS.

The Manufacturing Support Team is responsible for supporting the production process and managing the expenses related to production and the shop.



Morning exercise

The Manufacturing Engineer Team is divided into two lines: The ME Line is responsible for welding certification management, Welding Process Specifications, Certification of Welding Processes, Estimation of welding materials, Control of welding quality, Welding training, Welding material inventory management and more. The Design Line designs and issues: the drawings, Bill of Materials for purchase and support/process any problems that arise from drawings. The Design Line of CPE is equipped with the most advanced and up-to-date software and has completed the design of three major projects entirely in Vietnam.



View of a bay at the CPE shop

The Production Control Team is responsible for making quotes, researching projects, budget management and cost projections, managing internal transactions, supplying material for the Production Team, regulating the manufacturing, meeting with the customer on progress of the project and processing production issues that arise related to the project.



A grinder works on a CPE shop product

The Production Team takes care of the scheduling for manufacturing, managing plans, equipment and human resources.

The EHS team may be last, but certainly not least. This team manages issues related to the Environment, Safety and Health within the CPE shop. Some of the typical tasks that the team performs include: monitoring occupational safety, fire prevention, conducting safety training for new employees, making weekly safety reports, monitoring safety to find lapses that could affect the safety and health of employees as well as being ever vigilant for ways to improve shop safety.

Since commencing operations in August, 2008 the CPE shop has completed 77 projects with a total gross weight of over 29,000 tons. These CPE products have been exported to 12 countries around the world: Saudi Arabia, Singapore, Algeria, Turkmenistan, Chile, Egypt, Canada, Turkey, Philippines, Australia, Italy and Russia. In 2015, the shop is expected to produce 13,000 tons of products which is projected to increase to 27,000 tons by 2017.

In addition to the large volume of production, the



The super weight and long products look like spacecraft

shop has also achieved some stellar achievements in other fields such as: winning the Second Prize for EHS activities in 2011 and First Prize for Ban Byol Hoal Dong (BBHD) during the first six months of operation in 2013 and as of publishing time CPE has reached 1.065 days without an accident.

The CPE shop has a reputation among its many satisfied customers of being a dependable and quality supplier of the world's most advanced, safest and reliable Chemical Processing Equipment available today.



380 employees of the CPE shop

Bridging the Gap between Physical and Mental Well Being

Club Workshop

Organizational Culture (OC) Department held a Workshop for leaders and members of the 27 clubs operating at the company to chart their direction and plan for 2015.

There were 33 members in attendance that were broken into two groups so that they could share and discuss ideas for their clubs operation in 2015. After four hours of discussions a total of 69 ideas were collected and presented to the participants. Based on those ideas, OC reviewed and made recommendations to help the clubs operate more effectively.



Club members at the Workshop



Table tennis's players listen to the competition's rules



Nguyen Ngoc Nhuoc (Boiler) & Nguyen Tran Hoa (Design) concentrate on their match

Pairs Table Tennis Championship

The 3rd Table Tennis Cup was held as a part of the Doosan Vina One Mind Festival 2015 on March 16th.

At the completion of the matches Duong Lich and Canh Binh (Design) had won the Champions Doubles Cup. In total there were 33 matches in the Men's Singles and Men's Doubles, including eight pairs in the Doubles Division and 13 pairs in the Singles Division.

In the Men Double category, 16 players had opportunity to play together with Mai Duong Lich and Ho Canh Binh (Design) coming out as the outstanding players.

In the Men Singles, Nguyen Ngoc Nhuoc (Boiler) and Pham Thanh Son (Water) met in the final after passing all other players. And after eliminating his rival, Nguyen Ngoc Nhuoc won the Champion.



Ton Minh (OE) & Thi Hong (DVPM) are presented with a gift from Nguyen Ngoc Nhuoc, Chairman of Table Tennis Club (right)

2nd Badminton Championship There were eight players from the Badminton Club who joined in the Badminton league and competed in eight singles matches recently.

After four thrilling matches, Nguyen Tan Suu vs Bui Quang Hung (TE), Phan Thanh Nghiem (ME-Water) vs Nguyen Tien Huy (QC Boiler) made it to the semifinals. Two semifinals were held and Bui Quang Hung met Nguyen Tien Huy in the final. With his many skills and great experience, Bui Quang Hung defeated Phan Thanh Nghiem to come out victorious and be awarded the 2nd Badminton Cup.



Badminton Club players after the tournament



Ung Ngoc Quy (CPE) serves



The players exhibit their skill and strategy



Quoc Chanh & Thi Phuong debate their topic

Reading Club's Eloquence competition

In order to help the Reading Club's members have more insight into today's hot topics, the Reading Club held an "Eloquence" competition on April 4th.

The competition was a healthy mental exercise for the participants that encouraged them to practice their presentation in front of a crowd to build confidence and help them discuss topic in today's news.

Two contestants were paired together to discuss and present a pre-selected topic. Four topics were given to the four pairs that included: Biometric fingerprints; Living together before marriage; Using Facebook or social networks and Gay marriage. These were considered the hottest issues that concern young people today.

As a result, Le Thi Anh Thu, an Intern of Human Resource Development Division won the Special Prize with her topic "Gay marriage," the First Prize went to Le Van Quan and the Second Prize was given to Lam Thi Huong Giang for their presentation on "Living together before marriage."



Minh Thang (HRD) presents awards to contestants

Summer Hydration

To ensure employee health for those who work outdoors, Doosan Vina began the daily supply of lemonade on April 1st. The annual April to September lemonade distribution of 200ml per day is delivered

to the job site to replenish vitamins and minerals lost in the hot weather and to help improve resistance to heat related illness.



Probanks staff prepare lemon juice



Delivery of the lemon juice to the work site

Best Keson in March

To encourage the continuous improvement and creativity of employees the Top Team paid a visit to review projects, check operation and present awards to the five best Kesons. The criteria for a winning Kesons is that it helps improve productivity, reduce costs and increase safety,

The best Kesons of the month included: (1) A box with chips to cool a milling machine - QA-Testing team,

QAD (2) A hydraulic system created for the edge of an Erosion Shield - Coil Fabrication 4 team, BLR (3) A lifting Jig and alignment for the support inside a shell to prevent accidents and reduce the time it takes to fit-up a support beam in vessel – Fabrication 3, Water (4) A jig for fit-up HL and HU - Harp Welding 1 team, HRSG (5) a Jig fit-up to eliminate the markup step and reduce the time to attach Stub-bolts - Fabrication 3 - Part 4, MHS.



CEO visits the Best keson of Boiler shop



CEO & GD Hang Ha Ryu and members of Fabrication 3 - Part 4, MHS shop

Q-Health

As part of the five year, two million dollar Q-Health program funded by Doosan, Chung Ang University (CAU) and KOICA. The above sponsored the trip of two groups of doctors who came to Quang Nam Central General Hospital to advise, train and offer diagnosis between March 12th - 20th.

The first group of doctors came to Quang Nam Central General Hospital on March 12th and 13th and included five specialists in orthopedics and administration. The group was led by Jee Young Jung Associate Professor of Radiology.

During two days at the hospital, the professors and doctors visited each department to examine the operations and give treatment and advice on administrative procedures, management and the proper op-

eration of medical equipment. The doctors had the assistance of three Doosan Vina Korean interpreters.

During their time here the team also visited Hue University of Medicine and Pharmacology to discuss the appointment of several teachers and students who would be awarded sponsorships to study in Korea at CAU.

One week later a second group from CAU arrived that included five specialist led by Kim Jeong Min Professor of Neurological to conduct technology transfer, offer training in diagnosis and treatment of diseases associated with Neurology for the doctors of Quang Nam Central General Hospital on two days March 19th and 20th.



A training session on administration work at the hospital



Doctors and staff meet to discuss plans

Love Porridge

Early on the morning of March 14th, 2015 a group of 18 volunteers from Doosan Vina and Vietcombank (VCB) gathered to deliver 200 hot breakfasts in the first "Love Porridge" of the year. Doosan Vina and VCB have collaborated on Love Porridge since 2013 to help needy patients at Quang Ngai hospitals receive a hot nourishing meal.

Since the program started Doosan Vina and VCB have provided over 47 million VND to fund the program which has served more than 7,500 hot breakfasts to needy hospital patients in the city.



Kim Yong Soo, Deputy General Director Doosan Vina (center) and Pham Thi Thuy Kieu, Director Quang Ngai Vietcombank deliver soup to poor patients

Third Dream Home Completed

Shelter is one of mankind's basic needs and without it life can be very miserable. That is a fact that Truong Quang Tri was all too familiar with. His family's Son Tinh area home was in serious need of repair and his elderly mother was struggling financially, barely meeting the family's basic needs, so they certainly didn't have the funds to carry out the extensive repairs that were becoming more urgent with each passing month. Recognizing 28 year old Tri's desperate situation; his coworkers, the Dung Quat Economic Zone (DQEZ) Trade Union and Doosan Vina, his employer, mobilized and came to his rescue.

Under the auspices of the "Dream Home" program supported by Doosan Vina and the DQEZ Trade Union, fifty coworkers volunteered to provide the labor and Doosan Vina and the DQEZ Trade Union supplied the money to buy the building materials that were required to carry out the desperately needed renovations on the home.

Hang Ha Ryu, CEO and General Director of Doosan Vina said, The "Dream Home" program is an example of "the Doosan Way," we help each other, we look out for each other and we care about our staff and the community.

Chairman of the Dung Quat Economic Zone (DQEZ) Trade Union, Tran Quang, said, "A union by definition means together and as a union we come together to help each other in many ways and seeing that our members have adequate shelter is certainly a priority of mine and the DQEZ Trade Union."

At the handover ceremony Truong Quang Tri said, "I feel like a great burden has been lifted from my



Truong Quang Tri's family

shoulders, it's a comfort to know that my family has a proper home that can protect us from the weather, I am very grateful to Doosan Vina and the Dung Quat Economic Zone Trade Union for their generous support. The house and furniture are really great, thanks to everyone who helped in this project."

This is the third such "Dream Home" since the program began and on April 27th the completely renovated and enlarged home was handed over to Tri and his family. The project took the 50 volunteers 40 days to complete and the home now features an additional 30 square meters that includes two new bedrooms, a living room and a kitchen. Another group of volunteers in Doosan Vina's Packing & Shipping department also wanted to help and came up with the idea to make five pieces of furniture for the family using recycled wood from packing material.

In addition the above handcrafted furniture, Doosan Vina's management presented the family with a new LG television, an electric fan, a stainless steel table, an electric cooker and many other items that the family was in need of.

Because of all volunteer labor the renovation was able to be done for only 60 million VND or nearly \$3,000, which was provided by the generous support of Doosan Vina and the Trade Union of the Dung



Ryu Hang Ha, Senior VP DHI & CEO of Doosan Vina (right) and Nguyen Dong (left) Nguyen Dong - Vice Chairman Quang Ngai Labor Federation present the "Union Shelter" and gift to Truong Quang Tri and his mother

Quat Economic Zone. Since starting the program in 2014, the Dream Home program has renovated three homes for a total of 160 million VND or approximately \$8,000.

Truong Quang Tri is a dedicated and diligent employee at Doosan Vina with over six years of experience in the Heat Recovery Steam Generator Shop.



Park Seung Won, Director of HRD (left) and Kim Sang Kon, Director of PSD (right) surveys Tri's house plan



Doosan Vina volunteers install a new shelf built from recycled packing material by Packing and Shipping



Before the project began



During the renovation



Under construction



Upon completion



Doosan Vina's leaders & Truong Quang Tri's family



Doosan Dream Kindergarten Joins District's Competition



Thi Sen

A skill Contest held by Binh Son Education and Training Department on February 4th attracted 116 children from 29 public and private kindergartens in the district. The event was well represented by the children of Doosan's Dream Kindergarten!

Representing Doosan's Dream Kindergarten were Huynh Anh Tuan, Dang Truc Ha, Luu Uyen Nhi and Pham Le Nguyen. The children had to compete in three categories that included Cuteness, Dexterity and Team work.

In Cuteness, the children drew questions on topics such as kindergarten, family, country, animals, plants, spring, transportation and more which they had to answer. For dexterity the children had to complete an

art project in an hour. In the team work category they had to co-operate to complete a series of tasks using bean bags and running an obstacle course against the clock. With their innocence and dedication the audience and judges all had a very delightful afternoon watching the little ones try their best to complete the tasks.

Their efforts were rewarded with Doosan's Dream Kindergarten children winning the Encouragement Award in a field of 29 challengers. Four individual prizes also went to Pham Le Nguyen and other children.

The contest is an opportunity for children to develop their creativity, thinking, cognitive abilities, personality, intelligence, motor skills and perseverance.



Luu Uyen Nhi, a Doosan Dream Kindergartener takes part in Clay Art



Dam Viet Phu in the team game



Four smiling children from Doosan Dream Kindergarten at the competition



Pham Le Nguyen in the cuteness category

Games

I. This month's Doosan Vina News quiz

1. Who is the person that brought Doosan to Vietnam? (12 letters)
2. How many times has Vietnam's Prime Minister Hoang Trung Hai paid a visit to Doosan Vina? (4 letters)
3. An acronym for a MHS's product that was handed over to the client on January 20th 2015. (4 letters)
4. How many multi-vitamins were donated to children in Quang Ngai so far? (7 numbers)
5. When did Doosan Vina start granting scholarship to universities and students? (4 numbers)
6. Which shop or division won the EHS first place for the second half of 2014? (4 letters, acronym)
7. How many CAU people were involved in the CSR program in Vietnam in February 2015? (2 numbers)
8. What are the watch words for 2015 at Doosan Vina? (10 letters)
9. When did we first hold "Doosan Day of Community Service"? (7 letters/4 numbers)
10. Which club received the first prize for 2014 activities? (11 letters)

No.	Answers
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	

Remember, answers to all the questions are in previous issues of Doosan Vina News and are available online at issuu.com under Doosan Vina. You can also look for answers on YouTube.com under Doosan Vina DTV.

II: Answers for last issue

1. Team Doosan
2. Safety
3. Team
4. Four
5. My Machine
6. ISPS Code
7. SWRO
8. MOTIE
9. Futsal
10. Probank
11. Hue University of Foreign Language
12. Kirikkale
13. 120 000 000 000
14. 27
15. March 2014



Who will share the 500.000 VND gift certificate

No.	Name	ID	Dep
1	Tran Minh Thuan	102231	Sale & Marketing
2	Nguyen Thi Thanh Loan	102232	Sale & Marketing
3	Le Thi Hoa	100413	Sale & Marketing
4	Nguyen Luong Quyen	101637	Sale & Marketing
5	Nguyen Thi Thu Thuy	102136	Duct Design
6	Le Cao Nong	101692	Pressure Parts
7	Quang Trung Loc	101168	MP

For your enjoyment we have re-designed the games to make it more fun and simpler to participate. Just write down the answers at the end of each of the below sentences and you may be a winner. All answers can be found on the pages of Doosan Vina News.