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Bản Tin

DOOSAN

Vina News Công ty TNHH Công Nghiệp Nặng Doosan Việt Nam

No: V7N4



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MADE IN VIETNAM
MY COUNTRY - MY PRODUCTS - MY PRIDE

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Building your tomorrow today

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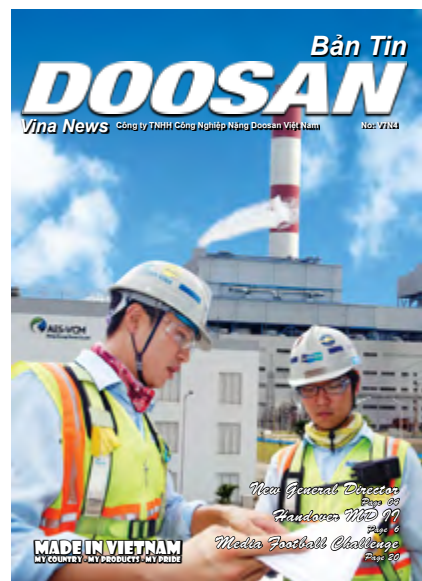


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Proud People, Proud Doosan



On the Cover

The cover of this issue features a picture of the \$2.1B Mong Duong II thermal power plant. Mong Duong II (MD II) is our largest project in Vietnam since commencing operations in 2009 and with 1,200 MW of generating capacity it is the largest private power plant in Vietnam. The plant was built for AES-VCM by Doosan Vina acting as the lead EPC contractor under Vietnam's Build, Operate and Transfer (BOT) legislation.

MD II is a prime example of how Doosan has brought tremendous new skills and technologies to Vietnam that are helping the country's heavy industry become an important player domestically and on the global stage. For more on MD II turn to page six.

Surging Forward

Since we last met here on the pages of Doosan Vina News we have had several developments that we're sure you'll find interesting.

First is the appointment of Yeonin Jung, as our new CEO and General Director. This happened after Hang Ha Ryu announced his retirement in September. Mr. Jung becomes the third person to hold the office and follows Bong Jin Cho, the first GD who led the company through its construction and launch phase. Cho was followed by Hang Ha Ryu, who piloted the company from infant to toddler and now Yeonin Jung will nurture the youngster to maturity. For more information on Mr. Jung please turn to page 4.

Other big news is the completion and hand over of Mong Duong II our first power plant project in Vietnam and you'll find more on that story beginning on page 6.

This issue is also packed with the usual favorites and we invite you to flip the page and explore the developments here at Doosan Vina since our last issue.

And as always, if you have comments please send us an e-mail and we encourage you to visit our website, www.doosan-vina.com, or our Facebook, Twitter, LinkedIn, Instagram or other social media pages for breaking news and events that are happening around the company.



SURVEY RESULTS 2015

theDoosanWay

One of Doosan's goals is to become a "Caring group of powerful people." The goal seems straight forward enough, but in order to reach the objective we first had to ask ourselves some tough questions. First was: can the company be "caring" and "competitive" at the same time and second, 'since we don't all live in the same place, have had different experiences and our cultural backgrounds are diverse can we actually be as one and adhere to the same vision and goals? And then if it is possible how are we going to get there?

After no small amount of research theDoosanWay (TDW) was born in 2012. TDW provides a guiding framework by which we can move toward the broad goals above that were set by the leadership of the company.

To be sure we are staying on course and focusing on theDoosanWay a biannual survey is taken. The 2015 Doosan Way Survey of core values took place over the

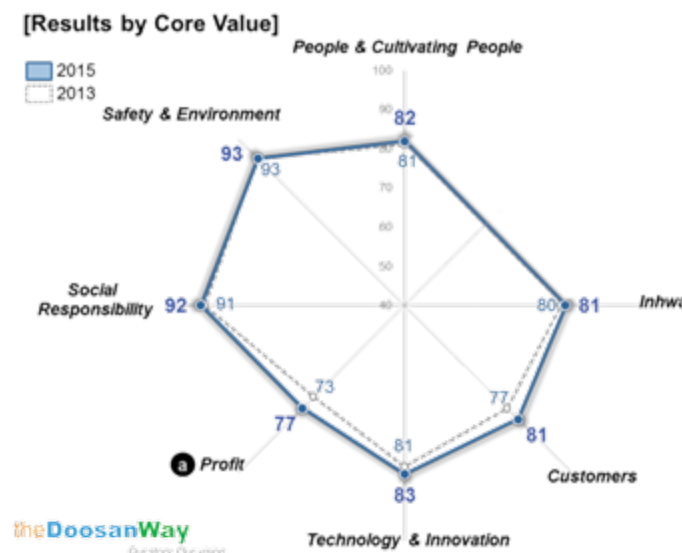
will be developed and focused on throughout the year.

TheDoosanWay is our roadmap to reaching our targets and as employees at all levels increase their understanding and commitment to the program the survey results will surely improve.

The survey results were shown by the Human Resource Management Division on September 1st 2015 to Division/Shop Directors to compare and contrast the result between 2015 and 2013. The info was also shared with 194 Department Leaders/ Team Leaders and Section Managers.



Park Chan Up, Director of Human Resource Management Division shares the result of the Doosan Way survey 2015



Survey result of The Doosan Way 2015 showed improvement over 2013

first two weeks of June. After analyzing the data the talent management team presented the results and a comparison to the 2013 survey to management.

According to the 2015 survey the overall level of satisfaction has improved since 2013 from 81 to 83 and more than 1,000 comments were submitted.

Two categories remain the highest, with Co-operate Social Responsibility hitting 92 and Safety & Environment scored 93. Based on the results three development strategies were set and They



Team Leaders and Managers review the survey results

Mission, Management and Milestones

Yeon In Jung, our new CEO and General Director sat with Doosan Vina News to speak about his goals, management style and some of the milestones in his 28 year career with Doosan.

Mr. Jung officially took control and began shouldering the tremendous responsibility of Doosan Heavy Industries Vietnam's vast operation on the 2nd of October.

Since then he has been busy meeting and explaining to his team how he will manage and what his expectations are.

During our meeting with him he explained some of the details of his mission, the basics of his management style and his milestones.

Mr. Jung has listed five fundamentals that he will employ to achieve the company's goals and objectives:

First among them is safety, EHS will certainly play an important role in everything we do because safety is the umbrella that covers all and needs to be our top priority;

Second is quality because that is foundational to customer satisfaction and an absolute must to build trust and long-term relationships with all stakeholders;

Third is to create a culture and environment to foster continuous innovation, creativity and cooperation;

Fourth is to see that the cultivation of talent and the DoosanWay become entrenched in the operation and become the mindset of how we approach our work and life.

Fifth and final, is to see that we are a part of the community using our CSR programs to build Healthy Communities through: Medical Care, Support for Education and Housing Assistance so that our neighbors have a bright and sustainable future.

Some of the specifics that Mr. Jung will use to reach these five goals are to continue to localize the operation. One of the key strategies for localization is to accelerate the transfer of the technology and skills that Doosan Vina brings to Vietnam.

Mr. Jung said, "This is important because transferring skills and technology will ensure that Vietnamese are the ones leading and benefiting from the growth of the country's infrastructure and its development as a global force in heavy industry."

Another goal is to strengthen our independence and ability to stand alone; taking a more forthright approach to sales. "Sales are founda-

tional and if we are to grow we need to focus on this, sales are a keystone for any company and we are no exception, we need to finely tune our sales management, be more aggressive and be sure we are active on all fronts so that Doosan Vina is first on anyone's list when they have need for anything in our product line, especially those on the government's Key Mechanical Product list.

One of the principles he stressed was a philosophy that opposes management by event. He went on to explain exactly what he meant by that; "I think an operation should be the same whether a VIP guest is coming or not, that means we should not have to do a massive cleanup and safety review for a coming event, it should be the same every day. A tidy well organized operation is one that functions smoothly and performs like a precision time piece, that is reality and a truthful representation of our company, it delivers the message that we don't operate for show, we operate under stringent conditions because that is what it takes to produce the highest QUALITY products and to be the most respected company in heavy industry. If I stop by a shop unexpectedly I expect to see a clean and SAFE environment that would be a mirror image of what we would find if Deputy Prime Minister Hoang Trung Hai or the top team from Korea was coming, it needs to be the same, no different! I emphasized quality and safety because they are the fundamentals of our business and absolute musts." Mr. Jung continued, saying "I feel that the greatest mark of any manager is that his or her operation runs just as smoothly when they are away as it does when they are present."

Mr. Jung has spent twenty-eight years with Doosan, joining the company as a fresh graduate of Pusan National University with a degree in Machinery Design. He has steadily progressed up the ladder holding senior positions with Doosan Heavy

Industries (DHI) and Doosan Infracore in Manufacturing, EHS, Change Management and Procurement. In 2005, after 18 years at DHI he was asked to be a Director at Doosan Infracore in Seoul responsible for manufacturing and procurement. He had been at Doosan Infracore until very recently when he again answered the call to move and take on the leadership of Doosan Vina.

An avid golfer he is looking forward to testing the links in Vietnam and as a self-confessed seafood aficionado, he is anticipating exploring Vietnam's world renowned cuisine that leans heavily on seafood.

Welcome aboard Mr. Jung!



Yeon In Jung,
Chief Executive Officer
& General Director
Doosan Heavy Industries Vietnam

Mong Duong II Completion

Ji Taik Chung Vice Chairman of Doosan Heavy Industries and Construction along with; Yeonin Jung, CEO & General Director of Doosan Vina and Sunghoon Lee, Deputy General Director of Doosan Vina Represented Doosan at the October 26, 2015 completion ceremony. The ceremony signaled the handover of Vietnam's largest private power plant, Mong Duong II to the owners, AES-VCM.

During the ceremony Doosan was recognized and received awards for early completion of the project (five months ahead of schedule) and for being the lead Engineering Procurement and Construction (EPC) Company.

Also attending the completion ceremony were, H.E. Jun Dae Joo, Korean Ambassador to Vietnam, H.E. Ted Osius United States Ambassador to Vietnam and, Cao Quoc Hung, Deputy Minister of Industry & Trade, and Nguyen Duc Long, Vice Secretary Chairman of Quang Ninh People's Committee.

The event was hosted by Ha Noi, Power Company Limited or AES Mong Duong, who will own and operate the now completed power plant for twenty five years when it will be transferred to Vietnam under the BOT plan.

Mong Duong II (MD II) power plant broke ground in December of 2010 in north-eastern Quang Ninh



Ji Taik Chung, Vice Chairman of Doosan Heavy Industries & Construction, Yeonin Jung CEO & GD of Doosan Vina, H.E. Jun Dae Joo, Korean Ambassador to Vietnam at the ceremony (L-R)

Province. The plant has two units with a total gross capacity of 1,200 MW and represents an investment of \$2.1 billion by AES, Posco and China Investment Corporation.

The plant will add significantly to the national power grid generating more than 7.6 billion kWh of electricity annually and as noted above the Doosan built power plant entered commercial operations in April 2015, five months ahead of the schedule.



L-R: Yeonin Jung (CEO & GD of Doosan Vina), Hee Jig Lee (Vice President MD II, Doosan Heavy Industries & Construction), Ji Taik Chung (Vice Chairman of Doosan Heavy Industries & Construction), David Stone (Managing Director of AES Mong Duong II), Hun Tak Kim (EPC EG of Doosan), David Bae (Engineering Manager, AES-VCM), Lee Sung Hoon (Deputy General Director of Doosan Vina) and Jeong Young Chil (Vice President Regional Marketing Director East Asia) at Completion Ceremony

MONG DUONG II FACTS

Location	Quang Ninh Province, Vietnam
Area	297 hectares
Capacity	751.3MVA x 2 Unit at Generators (2 X 560 MW, NET)
Owner	AES-VCM Mong Duong Power Company Limited
Start - NTP	August 07, 2011
EPC	Doosan Heavy Industries Viet Nam

Construction	- Unit 1: December 04, 2014 (NTP + 1.215 days) - Unit 2: June 02, 2015 (NTP + 1.395 days)
Final completion	October 31, 2015 (5 months ahead schedule)
Man hours	40.6 million man hours
Safety LTI	40.6 million man hours
Total weight	43,183 tons (Pressure Part; Steel Structure; Duct; Buckstay)



Impressive Shipment Results

Between July and late September 2015, Doosan Vina exported 12,000 tonnes of products to domestic and international clients. Leading was the Chemical Processing Equipment shop (CPE) which sent 5,494 tons to Vietnam's second oil refinery. Another milestone that the company reached during this period was the first shipment of products to the American market.

Chemical Processing Equipment Shop: The Nghi Son Refinery & Petrochemicals contract was for 169 pressure vessels, towers and heat exchangers designated for Vietnam's second petro chemical refinery. The refinery is now under construction in Vietnam's northern province of Thanh Hoa. In total the equipment weighed 5,494 tons and because of the massive volume the project required it be divided into 10 shipments.

The largest piece in the recent shipment was a tank



A CPE pressure vessels on the way to Nghi Son Refinery

measuring 5.7 meters in diameter, 50 meters long and weighing in at more than 205 tons. Once the tanks are fully connected and operational in 2017 they will help the refinery produce 200,000 barrels of crude oil per day.

"This is CPE's biggest domestic project so far. To produce these high tech pressure tanks, we applied the most updated technology and after fifteen months of manufacture, we have completed the project. The final shipment was made in early October 2015", said Phan Huong, CPE Project Manager.

Boiler Shop: Quality and on time delivery are two important aspects of production at the boiler shop and on July 23rd the men and women of the Boiler shop completed and sent the fourth shipment to the Vinh Tan 4 Thermal Power Plant in Binh Thuan Province.



For video coverage of this event scan the QR Code

Boiler Coils are ready to load on a ship

For this fourth shipment to Vinh Tan 4 the Boiler shop handed over 698 tons of Coils, Panels and Headers that are parts of a supercritical straight line boiler. This boiler can provide 2,550 tons of steam / hour, operate at extremely high temperatures (up to 569 C) and pressure of up to 271 kg/cm².

The Vinh Tan 4 project was signed on February 26th, 2014 by EVN. The project has a total weight of 6,990 tons and will require 20 shipments to meet the April 2016 completion date.

Water Shop and the Boiler Shop: After two months of work, for the Macchi project at the Nghi Son Refinery and Petrochemical complex being built in Thanh Hoa Province, the Water and Boiler shops have made four shipments with a total weight of 271 tons. The shipments included 212 tons of structural steel and 59 tons of Duct work.

The Macchi project was signed with Macchi of Italy on April 22, 2015 for the boiler-supporting structure and gas pipeline systems. Total weight is 1,762 tons. The project was completed and handed over at the end of October 2015.

Heat Recovery Steam Generator (HRSG) shop: The HRSG team of 179 employees have manufactured and exported the first of 4,200 tonnes of HRSG components for the 674 MW Heat Recovery Steam Generator for the Salem Harbour Combined-Cycle Gas Turbine Power Plant in the US state of Massachusetts.

"These are our first ever products to go to the United States of America and it marks a new milestone for us. Doosan Vina's products are now hard at work in

activities are expected in 2016 and steam production is scheduled for early 2017. It is projected to supply electricity to 600,000 homes, fill the power gap in the region and offset approximately 450,000 tons of CO₂ emissions per year.

For video coverage of this event scan the QR Code



A Heat Recovery Steam Generator for the Salem Harbour Power Plant, USA

27 countries around the world and that figure will be going up soon," said Nguyen Tan Hong, HRSG Production Department Leader.

The Salem Harbour Combined-Cycle Gas Turbine Power Plant project was signed in December 2013 to supply two Heat Recovery Steam Generators that will increase the efficiency of the plant by up to 30%. The natural gas-fired Salem Harbour Power Station is located 30km from Boston, Massachusetts and will have an installed capacity of 674 MW. Commissioning

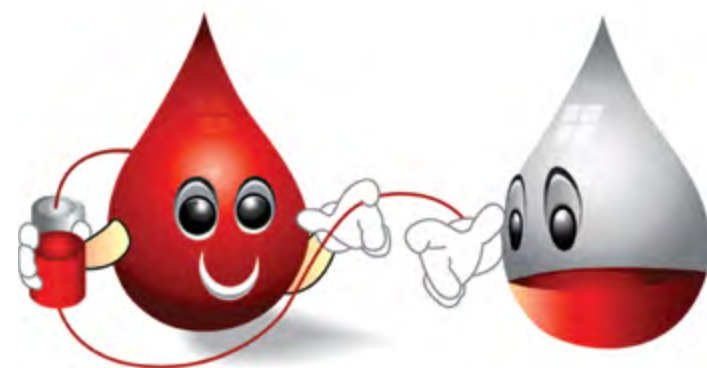


4,200 tonnes of HRSG components are loaded for the 674 MW Heat Recovery Steam Generator for the Salem Harbour Combined-Cycle Gas Turbine Power Plant in the US

A priceless gift to someone in need

Giving blood is a topic that some don't like to talk about, but it is a priceless gift that can mean the world to someone, or the family of someone in need. Science has done wonders to improve health care and new medicines are being introduced all the time, but when someone needs blood there is no substitute for the real thing.

Recognizing the need for whole blood, 35 volunteers, many of whom are regular donors, joined in Doosan Vina's third Quang Ngai CSR blood drive. "I know that blood cannot be created in a laboratory, it



must come from another person so I want to help. I don't do it to be thanked or repaid in some way, my only hope is that it will help someone's loved one get better and get back with their family," said Nguyen Van Tri of MP, who has donated 15 times.

Since 2013, 113 employees have donated and given 28,250 milliliters of blood that is used for emergencies, the treatment of disease or during surgery.

Donating only takes about 10 minutes but it is something that can mean the difference between life and death for a patient in need. The donor's blood is quickly replaced by your body and the only lasting effect is a sense of knowing you've done something good and helped your fellow man.



Blood pressure is checked before donating



Le Van Quan, Education Department and Nguyen Thi Diem Loc, Pressure Design share the gift of life



Doosan Vina's volunteers and Quang Ngai Hospital's doctors at the 2015 blood donation

Doosan Vina Opens Mothers Rooms

October 20th 2015 was a special day for women at Doosan Vina because it was not only Vietnamese Woman's Day, but also hailed the



Yeonin Jung (standing back row center, wearing glasses)
General Director and female employees
at the Mothers Rooms ribbon cutting ceremony

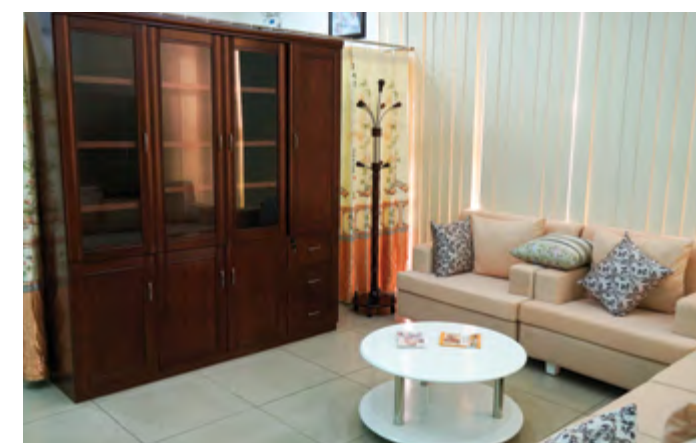
launch of the company's new Mothers Rooms. One is for prenatal care and the other is for postnatal women.

Doosan Vina has 209 female workers among a total of nearly 2,500 employees. Currently 12 women are pregnant and 11 women are nursing children. And many more are in the childbearing years the Mothers Rooms are very much needed.

These two special rooms are located on the ground floor main office building and have been furnished to be a home away from home, so the mothers can relax and take care of the parental obligations. The room for prenatal mothers is 30 square meters and equipped with sofas, a refrigerator, cabinets and tables while the postnatal mothers room covers 27 square meters includes a refrigerator for milk storage, two massage

chairs, a sofa, a water purifier, a cabinet and a basin.

"Taking to heart the Vietnamese Decree 85/2015/ND-CP that stipulates the care of female employees who are pregnant or recently given birth, we have established two special rooms to create appropriate conditions for them. We hope that our female employees will find the new rooms helpful and allow them to see to theirs and their children's care", said Lee Sung Hoon, Doosan Vina Deputy General Director.



Prenatal and postnatal Mothers Rooms to make mothers feel at home

One of the new mothers, Thai Thi Hong Linh from Recruitment Department said: "Before these rooms were opened I had to use the rest room to collect milk. This is much better and more hygienic. I'm very happy that the company has setup these special rooms for us. It ensures healthy conditions for me and my child and not only is the stored milk better for my child, but it also saves money because I won't need to buy formula!"

For video coverage of this event scan the QR Code



Jung Yeon In (center), General Director, Lee Sung Hoon (2nd left), Deputy General Director and Kim Yong Soo (2nd right) Deputy General Director cut the ribbon to officially open the Mothers Rooms.

Over 200 take to the pitch for the 7th CEO Football Cup

The CEO Football Championship Cup is a much coveted trophy and this year was an especially contested series of matches as everyone wanted to be the first to receive the trophy from the new CEO, Yeoin Jung.

On the appointed day and time 213 combatants from ten teams lined up to vie for the trophy and bragging rights as Doosan Vina's best football club.

The 07 November 2015 tournament was held at the company's married couples Van Tuong apartment complex that has both a regulation size football pitch and a Futsal pitch; both were fully engaged for the tournament.

Speaking at the opening ceremony, Yeoin Jung CEO & GD wished everyone good luck and hoped for a safe tournament. He also hoped that the players would exhibit a sporting spirit throughout the day and that that spirit would prevail both on the field and off.

In addition to the 11 man football and Futsal matches there five skill test events that included: A shots on goal contest for "Masked" shooters and "Pair's" competition, who had their legs tied together. Another accuracy event tested the shooters ability to "Thread the Needle" and put the ball through a small hole. Other competitive skill events were "Football Bowling" and a "Strike the Post" event that drew loads of spectators and cheers. Another exciting part of the day was the 14 Lucky Draws, which featured a top prize of a 24 inch TV which was won by Dong Van Vinh of MHS.



Capping the day was the conclusion of the Futsal and main event 11 man football tournaments. On the Futsal pitch, HRSBG, Boiler, FSD and MHS fielded teams. HRSBG and FSD were eliminated in the qualifiers which meant Boiler and MHS met for the championship. After a hard fought match the men of Boiler defeated MHS to be the Futsal Champion with MHS taking second place.

The finale of the day was the crowing of the 11 man football team champions. In this category: CPE; QAD; PSD; Main Office; Design and Water were divided into two tournament groups. Speculation prior to the tournament was that the Main Office (MO) team would sweep the matches. One surprise was when the Boiler team was unexpectedly knocked out in the qualifier. On the other side of the spectrum was PSD who refused to believe the forecasters and in spite of having their PSD/FSD 2011 championship team split in to two teams, the new PSD team pushed on and rose to the final to meet the early favorite, MO. After a grueling match PSD was not to be denied and showed that no one can predict the outcome of a football match with certainty and beat MO 1-0. To the cheers of everyone Yeoin Jung, CEO thanked all the players for being good sportsmen, congratulated PSD, declared them the champions and presented the prized 7th CEO Cup to the captain to finish the day.



Yeoin Jung, CEO & GD of Doosan Vina presents a 24 inch TV to Dong Van Vinh, MHS in a lucky prize draw

For video coverage of this event scan the QR Code



A souvenir photo before the tournament began

Domestic & International Stakeholders

Investment Management of the BOT Electricity Department of MOIT

A group led by Mr. Pham Hung, Director General of the Investment Management BOT Electricity Department of Ministry of Industry & Trade (MOIT) was welcomed to Doosan Vina by Deputy General Director Lee Sung Hoon and Kim Yong Soo of Doosan Vina on August 21st. They came to discuss the localization policy on thermoelectric power plants that the company has been advancing and also the KMP or Key Domestic Project legislation.

The visit was a chance to see first-hand the production capacity and the quality procedures that Doosan Vina has been applying in the domestic market including Nhon Trach II Thermal Power Plant in Dong Nai Province and Mong Duong II Thermal Power Plant in Quang Ninh Province.



Kim Yong Soo, Deputy General Director of Doosan Vina (third, right) & Pham Hung, Director General of the Investment Management BOT Electricity Department of MOIT (third left)

Song Hau 1 Thermal Power Project Management Board

Eight leaders of the Song Hau 1 Thermal Power Project Management Board led by Deputy Director Le Anh Thong had a working visit at Doosan Vina on the production capacity and the supply of boilers for this thermal power plant.

The group wanted to check the design process, production, boiler quality control, the laboratory and the Boiler shop.

The visitors said the results were impressive and they will report the survey results to the investor PetroVietnam. The visit will be a part of the contract approval process.



Deputy Director Le Anh Thong of the Song Hau 1 Power Plant (first, left) and his team from visit the Boiler shop



Tran Khac Ta, Doosan Vina's Laboratory introduces the testing process



Deputy Director Le Anh Thong (fourth left) of the Song Hau 1 power plant, his team and Doosan Vina's QAD and PM division leaders

E-CL Company from Chile

Andre Aerssens, Vice President of the E-CL company and his team came to check on the progress of the Red Dragon project which was signed last June. The four representatives of E-CL came from Chile and DHIC Korea to visit Doosan Vina on August 26th.

The delegation was welcomed by Production Innovation Division Hyeon Sang Hwang and Team Leader of Sales & Marketing Kim Tae Ho. They toured the complex to learn about Doosan Vina's MHS's capacity because this shop will be responsible for manufacturing and supplying the products for their project.



Seo Deog Won, Director of MHS shop introduces the shop to E-CL

Doosan E & C

On the afternoon of August 31st, Doosan Vina welcomed three leaders of Doosan Engineering & Construction. Leading the group was Byung Hwa Lee, CEO Doosan Engineering & Construction.

Representatives of Doosan Vina briefed the E&C team on the company's development over the past, focusing heavily on the production and business operations of CPE and the HRSG shop of which Doosan E&C is co-owner.

To clearly understand the scope, scale and facilities, the delegation toured the complex. The group stressed the need to continue the progress that they witnessed and look forward to seeing the further growth and development of CPE and HRSG so the company will soon be the dominate force on the global stage.



Hang Ha Ryu, DV's Former CEO (center) and Byung Hwa Lee, CEO Doosan Engineering & Construction (forth, left)

Chiang-Saen International Institute for Skill Development

On September 9th 2015, Deputy General Director Lee Sung Hoon of Doosan Vina welcomed a group of 14 members of Chiang-Saen International Institute for Skill Development, representatives of Dung Quat Economic Management Board and a group from the Dung Quat Vocational College of Technique and Technology.

The visit was to a bilateral confer and so Vietnam and Thailand could coordinate the development of human resources in the Mekong sub region. Also discussed were a number of issues related to training and skill assessment for employees.



Lee Sung Hoon, DGD of Doosan Vina (first, left) & leaders of Chiang-Saen International Institute for Skill Development of Thailand

Family Day 2015

In 2015 “Family Day” began on July 22nd and was completed a month later after 249 relatives of 140 employees’ from: Design, Finance, Human Resource Development, Managerial, Production Innovation and Procurement had visited.

This is the fifth annual Organizational Culture Department organized family day since 2011. To date 2,115 people have had a chance to spend a day at the complex visiting their loved ones work site.

As in prior years the family members were given an overview of the company, visited where their son, daughter, husband or wife is working and shared lunch with them at the Central cafeteria.

A tradition and special feature of Family Day is the custom welcome video that each employee makes to welcome his or her family. The moving videos are



Lee Sung Hoon, Deputy General Director presents gifts to Childs



Truong Van Binh, MHS shop and his mother have lunch together

shown to the delight and surprise of the visiting families during the welcome at the main auditorium.

New this year was the expansion of the program to include children who are In Secondary and High

school; this gave these potential future Team Doosan members a chance to see the opportunities that they may be interested in pursuing at the company.

The program continues to be an awe inspiring event that draws many ooh’s and aah’s from the visiting family members and helps secure the bond between the employee, their family and the company.



Visiting the Boiler shop

For video coverage of this event scan the QR Code



Doosan Vina's employees and their relatives

Community Mobilizes to help Children



Thi Sen

Facebook Quang Ngai or FQNI has many members that work at Doosan Vina. So when FQNI asked for volunteers to help children with their back to school needs nearly 25% of the 80 who joined hands with; FQNI, Hau Giang Pharmacy and Quang Ngai General Hospital to help 450 pupils from the Son Lien Primary & Secondary School in the Son Tay district of Quang Ngai Province were Doosan employees. The donation made by the FQNI group on August 24th 2015, came to 90 M VND. The day's events also included health checks, medicine,



Ho Minh Long, Design and Bui Tan Thuong, Water shop (L-R) unload gifts to donate to the mountain people of Quang Ngai

text books, water purifiers, chairs, kitchen supplies/spices, tutoring and much more.



Checking health for children

Son Tay is one of Quang Ngai's mountainous districts and the people depend on primitive farming to earn a living. They are very self-sufficient and have little beyond their daily necessities. Education wise the children lack basic supplies and equipment and medical care is limited.

The FQNI group has been in existence for six years and has 5,020 members. Its goal is to provide much needed medical and educational help around Quang Ngai. Each year FQNI hosts three events that provide support for the mountainous people of Quang Ngai. The funding for its programs is provided by local individuals, companies and organizations. FQNI hopes to expand its outreach and welcomes additional support from others in its mission to help the needy of Quang Ngai's mountain districts.



Doosan Vina's volunteers take part in the program

For video coverage of this event scan the QR Code



Stepping up Internal Training

Drawing Course

The Training Center recently hosted a Drawing Course for 97 engineers with less than two years' service at Doosan Vina. The course was designed to help them improve their reading comprehension and analytical skills related to project work.

Drawing analysis involved identifying the geometric shapes, sizes and the technical requirements of each object involved in drawing. The course will enable the more junior engineers to better communicate the



For video coverage of this event scan the QR Code

Ngoc Huy (Design) & Quynh Anh (CPE) note trainer's lesson

specifications to production staff so the fabrication process will be seamless and exact.

GM of Training Center Ngo Thanh Ca led the six hour course that had four areas of study: 1) Overview of drawings, 2) Imagery, 3) Reading for comprehension and 4) Practice and detailed analysis of drawings.

Planning Skill Course

To help employees of Doosan Vina to recognize the importance of planning and to understand and apply the steps of planning, 204 employees went through a day long "Planning Skills" course between July 1st and 21st.

The course was held at Doosan Vina's Van Tuong Apartment and was divided into seven classes for supervisory employees. The course was led by Nguyen

Minh Thang and Le Van Quan of the Education Department and focused on planning skills and planning steps.

The course was a combination of theory and practical that engaged all participants.

Before beginning the course staff had to evaluate their ability and after one month they will reassess their planning skills.



Students show the result after practicing

Three skill improvement courses



For video coverage of this event scan the QR Code

Students focus on a lesson



A student draws an object

The Technical Center held three courses "Welding Procedure Specification"(WPS); "Welding Material" and a Drawing Course for 361 Workers so that they could improve their WPS, Welding Material knowledge as well as be able to better grasp the information in drawings.

The program lasted from July 20 to July 31 and each course was divided into three classes with about 40 students in each class. The selected workers are in charge of work related to welding in the five shops and/or the Quality Assurance Division.

The WPS course focused on WPS, parameters' WPS, basic materials, welding positions, heating, and gases related to welding procedures.

At Welding Material Course, students had an opportunity to learn about welding materials; Identification and classification of basic metals and the mechanics of each welding procedure.

The Drawing Course included Overview of drawings, The shape of an object, and reading comprehension for drawings.

The three courses were taught by Ngo Thanh Ca and Nguyen Tan Suu, internal trainers from our Technical Center.

Phase Array Ultrasonic Examination

To ensure product quality, Doosan Vina recently invested in some new technology known as Phase Array Ultrasonic Testing (PAUT) equipment. PAUT is used to test welds and is the most advanced technology available today. As part of the rollout of the PAUT equipment Non Destructive Examination (NDE) engineers underwent a three day training course on August 24th, 25th and 26th.

Ultrasonic Examination is an important process to detect flaws in a weld and this new equipment will allow us to provide unquestionable guarantees of our welding.

The training course was held in the NDE Department at the HRSG shop and was led by Kim Young Ro and Jeong Seok Ku, Consultants of Nawoo Tech, Korea. The training course focused on the operation and testing principles of PAUT; understanding the sensitivity analysis readings; using the data analyzation software and the verification process.



For video coverage of this event scan the QR Code

Kim Young Ro, Consultant of Nawoo Tech, Korea shows how to set up the PAUT equipment for DV's engineers

Media Challenge 2015 Football Friendly



Quang Duc

Doosan Vina's Public Relations & Communications Team recently hosted Media Challenge 2015 which was a football friendly that saw 31 members of the media spend a day at Doosan Vina. The centerpiece of the day was the football friendly between the "Danang Media Football Club" (DMFC) and Doosan Vina's "Team Doosan."



Do Duc Vinh (blue hat) introduces Boiler's products to the media

Media Challenge all came about because of a meeting two years ago when the Bureau Chief for Vietnam News, Hoai Nam Bui casually mentioned to Dale Gerstslager, the head of Doosan Vina's PR & Communications department that he was playing football the following day with the media club. That triggered a discussion of Doosan Vina's many football clubs and soon Nam Bui issued a Challenge that was readily accepted. But try as we might, schedules never seemed to agree until recently when everything suddenly fell into place and on September 19th it was "Game on" at the company complex in Quang Ngai.

DMFC was picked up in Danang and brought to the company for a day of bridge building and sharing. On arrival the media team was welcomed and taken for a special Korean lunch at the company cafeteria that was followed by a formal introduction to the company and a comprehensive tour of the shops and port. During the tour reporters remarked that this couldn't actually be an operating factory; "these are too clean to be factories" said several.

Then, the group headed to our Van Tuong Apartment development and Media Challenge 2015 began. Although it was a friendly match, both Team Media and Team Doosan were determined to win. The referees read the rules and dropped the ball to begin the match. Both teams went on the attack from the very beginning, but DMFC proved to be the more aggressive and scored first and held the lead at the half.

Well into the second half, Team Doosan rallied and



Members of the media & with the Public Relations and Communication Team

scored the equalizer with ten minutes on the clock. Team Media then doubled their resolve and scored the final and winning goal of the match with but three minutes to play, giving team Media a 2 – 1 victory. Immediately following the match Team Doosan issued a friendly demand for a rematch which DMFC welcomed and agreed would be great.

After the match the teams and invited guests moved poolside for a BBQ buffet dinner where the music club provided entertainment while the teams dined, reviewed their performance on a post-match video and exchanged friendly barbs.

The day closed with: the presentation of the Media

Challenge trophy to the Danang Media Football Club, distribution of souvenirs and a promise for a rematch.



Le Phi Hai (right) DMFC presents souvenir flag to Huynh Tan Kim of Team Doosan

For video coverage of this event scan the QR Code



Members of Danang Media Football Club & Team Doosan in a pre-match show friendship on souvenir photo

Foseca

After an initial trial that began in July 2015 Foseca, the new food services cater has received good overall ratings for their services and menus. Foseca which is an abbreviation of the company's full name, Food Services and Catering, is a Korean company located in Bac Ninh Province. They have over seven years' experience in Vietnam supplying meals to industrial operations like Samsung.

To meet the need and see that employee satisfaction increased Foseca carried out a series of revisions and improvements. Some of the changes were offering three different menus to employees and presenting many new menu items. They also installed monitors above the que that display "Today Selections," organized a weekly birthday party for employee, replaced cooking equipment to improve the quality of meals and recruited two new chefs.



For video coverage of this event scan the QR Code
Foseca's staff service food for employees

Water Purification System Installed

Beginning in July the Administration Department began installing 67 new four-stage filter systems to assure that we had safe, clean and readily available drinking water across the complex. The new system will replace the old method of delivering countless bottles of bottled water, saving time and reducing expenses.

To assure the safety and quality of the water it was put through multiple testing agencies to be sure it met all applicable standards.



One of the new four-stage filter systems

Queuing at Doosan Vina

Queuing still seems to be something that has not universally taken hold. Queuing is simply a system that means that those that arrive first are the ones that are first served. It is a sign of a civilized cultured society and of respect when you wait your turn rather than pushing ahead of those that arrived earlier.



Queuing culture at Doosan Vina

Queuing is also a concept that promotes order and structure. It is safer and makes the management of meal service or bus departures more efficient, fair for all and helps the caterer and drivers provide the best possible service.

It has much improved here at Doosan Vina, but there is still room for improvement so please respect and consider your colleagues when queuing up for meals, getting on the bus or arriving at other functions where many arrive at the same time.

Celebrating 68 years of WI & MD

On the 68th Anniversary of War Invalids and Martyrs Day July 27, a celebration was organized to praise the heroic sacrifice made for the independence and freedom of the nation.



Le Minh Viet, Boiler shop with his magic performance

Representing Doosan Vina was the Music Club which performed two numbers including "Hat Ve Anh" and a magic performance by Le Minh Viet and Dang Van Khanh, all came from the Boiler shop. The performances attracted a large audience and they left their mark on the festival night not only at Dung Quat Economic Zone but also at the performance in Quang Ngai.

MM's Fuel Depot Keson

Safety is the primary concern all across the Doosan Vina complex but some areas receive even more attention and the fuel depot is one such area. It gets the extra attention because of the potential for catastrophe should there be even a small lapse in safety procedures at the fuel depot.

This was one of the motivational factors behind the recent Keson that proposed the rebuilding of the facility.

As the design and manufacture of Chemical Processing Equipment and the storage of volatile materials is one of our core competencies much of the project was done by our employees.

The objective was to design and build a new fuel depot that could safely and efficiently handle up to 8,000 liters of fuel. To have an outside contractor build the depot it would have cost \$95,000 but by using our design team, welders and existing material the cost was only \$4,500.

After completion the station was tested and certified to be safe before being put into service.

The success of this Keson showed that the creativity and the synergy of Team Doosan is unbeatable; great job and a big well done to the eight members of the Heavy Repair Team.



Welding to assemble the new fuel depot



Rebuilding the facility



Fuel Tank completed

For video coverage of this event scan the QR Code



GAMES

I. This month's Doosan Vina News quiz

1. When was the ceremony to lift and place the "Heavy Girder" for Unit 1 of Vinh Tan IV? (8 numbers)
2. What is the name of one of the new CRS program by Organizational Culture that renovates and upgrades the homes of the elderly? (10 letters)
3. What is the full English name of the CoC course? (13 letters)
4. What is one problem solving method used by for engineers and office staff to improve job performance and production? (7 letters)
5. When did HRSG shop sign the Talimarjan project? (6 numbers)
6. How many countries was the first DDCS held in on Oct, 24th 2014? (2 numbers)
7. How many buses did Doosan Vina support to carry the Quang Ngai student attending the university examination in Binh Dinh Province? (1 number)
8. Which division held a CSR program to help the children at the Phu Hoa Orphanage? (3 letters)
9. What is the name of the program that raises money through the donation and sale of used items by employees? (17 letters)
10. What is the Doosan Group's slogan? (25 letters)

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 DDTV.

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

II: Answers for last issue

- | | |
|-----------------|---------------------|
| 1. 24.10.2014 | 6. 6 |
| 2. 40 | 7. 5 years |
| 3. Mỹ Khê beach | 8. Truong Quang Tri |
| 4. Boiler | 9. 42.600 |
| 5. 77 | 10. 4.850 MW |

Congratulation winners!

Who will share the 500.000 VND gift certificate

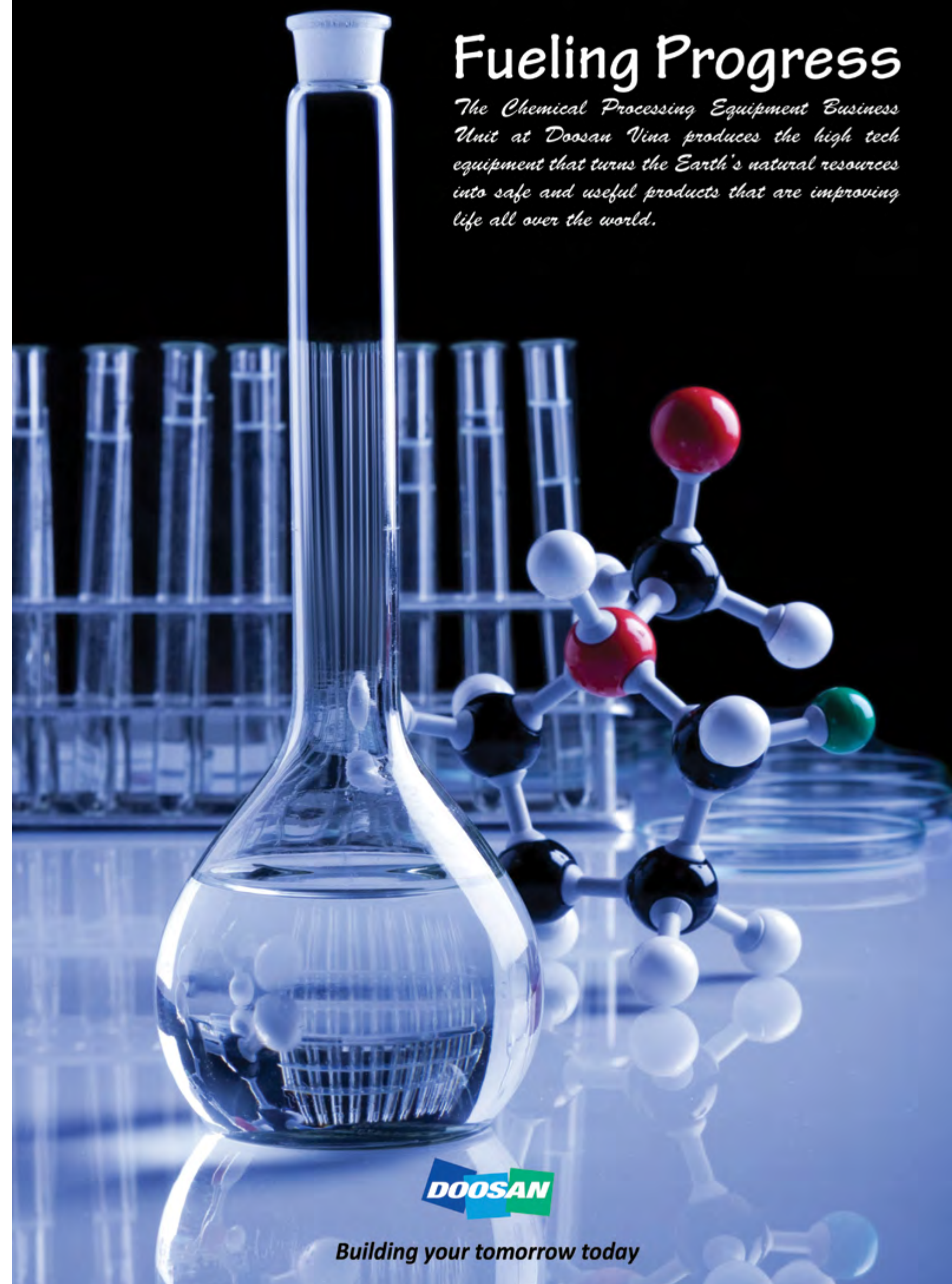
No	Full name	ID	Dept
1	Nguyen Ngoc Anh	102250	EHS
2	Tran Minh Thuan	102231	S&M

SAFETY



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.



Building your tomorrow today