



KIPIC

البترونية المتكاملة

Editor - in - Chief

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Launching KIPIC Academy, a First in the Oil Industry

Kuwait Integrated Petroleum Industries Company (KIPIC) established the KIPIC Training Academy, an unparalleled endeavour that demonstrates KIPIC's dedication to enhancing the skills and competencies of its national cadres, within the Al-Zour Oil Complex in southern Kuwait.

The establishment of this training facility comes in accordance with KIPIC's Human Resources 2040 objectives and strategies for enhancing the knowledge and abilities of the company's national cadres, as KIPIC believes in its workforce as the key to accomplishing its mission of "making more possible" not only for the company but for the oil sector as a whole.

The opening ceremony took place on Tuesday, October 11, 2022. Mr. Walid Al-Bader, the Acting CEO of KIPIC, and executive vice presidents and representatives from several affiliated oil firms were present.

On this occasion, Mr. Walid Al-Bader confirmed that the academy was able to accomplish its intended goal within a year by providing diverse training programs for company employees and university students, as well as hosting a variety of experts to offer training and advisory services.

Mr. Al-Bader affirmed that the KIPIC Training Academy is the first of its kind in the oil industry in terms of scale and quality of smart technologies used in training. He also expressed his hope that this academy, which is distinguished by its modern and brilliant architectural design, would help Kuwaiti youth who are looking for unique training opportunities to develop their skills.

Mr. Abdullah Fahad Al-Ajmi, Acting DCEO of Finance and Administrative Affairs, added that KIPIC always seeks to create an exceptional work environment that enhances professional performance and provides a high degree of job satisfaction to achieve belonging



and loyalty by ensuring justice, equality, and equal opportunities, in addition to empowering employees and giving them the best opportunities to develop their skills to help them perform better in their jobs.

Furthermore, the Manager of the Training and Career Development Group, Mr. Abdul Rahman Al-Olayan, stated that the academy was established to meet the needs of staff training and development by providing effective training solutions that ensure the advancement of highly specialized technical competencies to operate the company's facilities and achieve operational excellence.

Mr. Al-Olayan expressed his gratitude for the collaborative efforts of all stakeholders and the support of the top management and all of the groups that contributed to establishing



this academy that we take great pride in.

The academy's initial operations started in August of last year when new field operators were given training sessions to prepare them for the Al-Zour Refinery's commissioning.

To guarantee the attainment of the highest standards of quality, the finest worldwide practices were taken into account when establishing the Academy. With the most advanced tools, materials, educational aids, and training facilities available, 318 learners could be accommodated in training rooms and halls supervised by a team of skilled and knowledgeable administrators and technical trainers.

Several partnership and cooperation agreements were also signed with strategic partners involved in the Al-Zour Oil Complex projects, as well as several academic institutions to provide quality, excellence, and innovative advisory programs and services based on international standards and specifications.

Excerpts from the opening



KIPIC Received “NAKILAT VI”



KIPIC has received on 20th Oct 2022 the first KOTC service boat (NAKILAT VI) at the small boat harbour which will provide transportation service for material, equipment, waste, and garbage from small boat harbour to the Sea Island. This is in preparation of starting the MOA between KIPIC and KOTC and in line with the International Maritime Organization (IMO) agreement which is the International Convention for the Safety of Life at Sea that was incorporated under Kuwaiti law.



تبرعك قد ينقذ حياة

“Your blood can give a life to someone”

حملة التبرع بالدم

KIPIC's Blood Donation Campaign

Dear KIPIC Family,

You are cordially invited to participate in KIPIC's Blood Donation Campaign held in collaboration with the Kuwait Central Blood Bank

أسرة كيبك،
نود دعوتكم للمشاركة في حملة
التبرع بالدم المقامة بالتعاون مع
بنك الدم الكويتي حسب المواعيد
التالية:

١ نوفمبر ٢٠٢٢
1st November 2022

الساعة ٩ - ٢ ظهرا
From 9 am to 2 pm

اوليمبيا - مركز سفريات كيبك السرداب
Olympia Basement -Travel Section

٢ نوفمبر ٢٠٢٢
2nd November 2022

الساعة ٩ - ٢ ظهرا
From 9 am to 2 pm

الزور ٢ - قاعة الاحتفالات ٢١٨
Al Zour 2 -Celebration Hall 218

مع عميق الشكر : مجموعة الخدمات العامة بالتعاون مع مجموعة الصحة والسلامة والبيئة
With Regards : **General Services Group (Customer Services Team) and HSE Group**

المطورين المواطنين
Citizen Developers Program

جائزة الرئيس التنفيذي لرواد
التحول الرقمي
CEO Digital Transformation
Champion Award



Honouring the second 'CEO Award for Digital Transformation Champion' winners

Acting DCEO of Finance and Administrative Affairs and DECO of Petrochemicals and LNGI, Mr. Abdullah Fahd Al-Ajmi, was keen to award the employees who participated in the CEO Award for Digital Transformation. The commencement was initiated on October 18, 2022, in the presence of Mr. Ahmad Al-Mulaifi, Manager of the Information Technology Group, to award the participants in the bronze and silver categories. 22 employees in the silver category were honoured with 9 innovative projects, and 41 in the bronze category for 16 projects.

The CEO Award for Digital Transformation Champions crowns the success of the "Citizen Developers" program, which aims to empower non-IT workers to develop and design applications and smart dashboards on their own, allowing them to manage their daily business efficiently by easing the process of decision-making while saving time and effort.



Al-Awadi and Al-Khalidi in the Higher Advisory Committee meeting of the Maintenance and Reliability Conference



Mr. Khalid Al-Awadi, DCEO of Al-Zour Refinery, and Mr. Ahmed Habib Al-Khalidi, Manager of the Maintenance Group, attended a meeting of the Supreme Consultative Committee to discuss the preparations for the upcoming Maintenance and Reliability Conference in the Kingdom of Bahrain.

Al-Maghrabi Participates in the 3rd Gulf Conference and Exhibition on Cyber Security Challenges



Mr. Hussain Al-Maghrabi, Team Leader Cyber Security at KIPIC, participated in a panel discussion on “Preparations and Challenges of the Oil Sector in Kuwait” as a representative of the sector’s Cyber Security Committee, as part of the activities of the Third Gulf Conference and Exhibition on Cyber Security Challenges, which was organized by a consulting, management and organization company Exhibitions and

conferences, in cooperation with the Central Agency for Information Technology, and sponsored by the Communication and Information Technology Regulatory Authority, and in strategic partnership with the American Business Council (AmCham), over two days, October 19-20, 2022 at the Radisson Blu Hotel & Resort. With the participation of a number of government agencies and institutions, experts and high-

level representatives from leading institutions in the country, as well as a number of diplomats, experts and industry analysts. Topics discussed at the conference included emerging use cases for artificial intelligence, digital transformation, cyber-attacks, smart cities, cyber integration of critical IT infrastructure, operational technologies, and the Internet of Things.

Manager Technical Services Group participates in the largest event in the energy sector in the world

Mr. Ali Al-Ajmi, Manager Technical Services Group (Al-Zour Refinery), will participate in the technical dialogue session within the activities of the ADIPEC 2022 Conference and Exhibition, on “Optimizing Efficiencies in Refining and Petrochemical Technology”, which will be held in Abu Dhabi, the United Arab Emirates during the period from October 31 to November 3 2022. Participating policy makers will discuss energy security solutions and sustainability challenges, including ways to address current challenges in the global energy market while fulfilling commitments to climate action and sustainability.

It is reported that ADIPEC 2022 will host more than 40 ministers from around the world to participate in its panel sessions, 2,200 exhibiting companies and 52 national oil companies with 28 international pavilions from exhibiting countries, to explore market trends, source solutions and do business across the entire value chain of the industry.

In addition to the exhibition, ADIPEC 2022 will host the Maritime Exhibition and Conference, the Digitization in Energy Exhibition, and the Intelligent Manufacturing Exhibition and Conference.

These dedicated exhibitions and conferences will enable the global energy industry to enhance existing business partnerships and shape new models of cross-sector collaboration to unlock and maximize value across business and drive future growth.

تحت رعاية صاحب السمو الشيخ محمد بن زايد آل نهيان، رئيس دولة الإمارات العربية المتحدة
Under The Patronage of H.H. Sheikh Mohamed Bin Zayed Al Nahyan President Of The United Arab Emirates




31 October - 3 November 2022
Abu Dhabi, United Arab Emirates

DOWNSTREAM TECHNICAL CONFERENCE SESSION

OPTIMISING EFFICIENCIES IN
REFINING AND PETROCHEMICALS TECHNOLOGY

SESSION CHAIRS			SPEAKERS			
 <small>Jiri Hájek, MD, CEO, Chairman of the Board of Directors, Orlen Ust-CRE a.s.</small>	 <small>Matthew George, General Manager, Petrochemicals, Indian Oil Corporation Limited</small>	 <small>Charlie Choe, Business Segment Leader, Refining, Aromatics & Derivatives, Bahrain STC Technology US Inc.</small>	 <small>Lujain M. Alsayoof, Senior Process Engineer, Sabalco Petroleum Company (SAPCO)</small>	 <small>Prabhu Elamalai, Senior Product Engineer, Schlumberger</small>	 <small>Ali Al-Ajmi, Manager Technical Services, Al-Zour Refinery, Kuwait Integrated Petroleum Industries Company (KIPIC)</small>	 <small>Dr. Omprakash Pal, Science Specialist, RABO, Saudi Aramco</small>

BOOK YOUR DELEGATE PASS TODAY

Al-Qallaf in a Discussion Session on the New Generation of Women Leaders in the Oil Sector



Eng. Latifa Al-Qallaf from the Maintenance Group participated in a panel discussion on the new women leaders in the oil sector, as part of the activities of the Gulf Society for Maintenance and Reliability. She is a member of the Association's Public Relations and Marketing Committee as an editor of the quarterly electronic newsletter Osoul, as well as a member of the Women in Industry and Asset Management Committee for the Sixth Middle East Conference and Exhibition for Maintenance and Reliability, which was established by the Gulf Association to encourage young women to consider working in the industry and asset management. The Women's Committee provides an interesting environment for female professionals to take serious steps towards advancing their careers by networking and utilizing their knowledge and educational opportunities. Commenting on this, Al-Qallaf said: Working within the Women's Committee is a real pleasure. We have established three different awards for which women can apply and be nominated. Emerging Professional Award, Outstanding Women Achievement Award, and Women Empowerment Award. The Women's Committee is currently reviewing and evaluating all applications, and one person will be selected for each category. Another online discussion session will be held on October 31, 2022, to discuss "Guiding the New Generation of Women Leaders". I take this opportunity to invite everyone to attend the meeting.

Al-Qattan as Chairman of the Marketing and Public Relations Committee of the Gulf Maintenance and Reliability Association

Our colleague Essa Al-Qattan, Senior Maintenance Planning Engineer, has been appointed to preside over the Marketing and Public Relations Committee of the Gulf Maintenance and Reliability Society. Al-Qattan commented on this by saying that he considers being a member of the committee to be a rewarding experience, adding that he is part of a team working on developing a knowledge-sharing



platform formulated on establishing an annual marketing strategy, issuing an e-newsletter based on the quarterly report, and organizing webinars and group discussions.

He also mentioned that KIPIC's participation in the activities of the Gulf Maintenance and Reliability Association contributes to enhancing its image at regional and global levels. On this account, KIPIC has the opportunity to review its projects and achievements, which will contribute to achieving its vision of pioneering asset management and reliability. It is also considered an opportunity for the development of our young Kuwaiti engineers.

It is relevant to note that the Gulf Maintenance and Reliability Society is sponsoring the Sixth Middle East Maintenance Reliability & Asset Management Conference and Exhibition, which will be held in Bahrain from November 27–30, 2022.

Ashkanani Runs a Panel Discussion Entitled "Maintenance KPIs"

The Gulf Society for Maintenance and Reliability conducted a virtual maintenance discussion session titled "Maintenance KPIs" by our colleague Shaimaa Ashkanani, Maintenance Planning Engineer from Maintenance Group of Al-Zour Refinery, where she hosted Maintenance Planning Engineer Zaher Abidine, an expert in maintenance planning and performance indicator management. During the session, Abidine discussed how to measure performance indicators and their influence on the workflow process, as well as how to regulate the elements that affect maintenance work, along with the tools needed for collecting, analysing, and depicting information in the form of charts. He also offered his advice on implementing a data review plan and setting clear targets to ensure that maintenance activities function smoothly. The lecture drew a large number of participants from Kuwait and overseas, as well as engineers and co-workers from other firms.

Ashkanani stated that the experience was remarkable, seeing how ideas were presented and perspectives and experiences were exchanged, emphasizing the value of conferences and seminars in improving workers' capacity to focus, listen carefully, talk, and share practical and scientific experiences in modern times. It also enables employees to hone their skills, acquire and share experiences with others, and learn about how other cultures perform at work and their project management skills, all of which contribute to the creation of an advanced working environment that benefits the company's field of work.



HSE Group Organizes a Winter Vaccination Campaign



As is customary, the Health, Safety, and Environment (HSE) Group conducted a winter immunization program in collaboration with Al-Ahmadi Hospital from October 10 to 18. The campaign was initiated from KIPIC's Head Office and involved all of the company's locations.

This campaign is part of KIPIC's commitment to its social responsibility as well as its dedication to safeguarding its employees against the winter seasonal influenza by making vaccination access quick and easy.



Open day activities kick off



After the long interruption the day away activities have resumed in collaboration with KOC. It comes with the aim of breaking the work routine and a great bonding activity.

Office Waste Campaign

Commences in
KIPIC



During the month of October 2022, the HSE Group launched an awareness campaign titled 'Office Waste' in collaboration with both the Information Technology & Corporate Communication Groups. Keeping with KIPIC's environmental policies, the program seeks to raise awareness about the significance of decreasing paper and electronic waste to help offset their impacts on human health and safety and enhance the quality of life.

The campaign comprises a variety of techniques, such as broadcasting awareness messages via webmasters, company's social media, as well as quiz to test the employees' knowledge about office waste. And an awareness lecture on recycling and sustainability, presented by "Enviroserve-Kuwait", the first electronic and metal waste recycling company.

In conjunction with World Mental Health Day... KIPIC Circle Holds its first Awareness session



In a first-of-its-kind initiative, Corporate Communication Group formed a support group concerned with mental health for employees under the name “KIPIC Circle”, which organized the first awareness session on mental health and its impact on individuals by hosting the psychologist and M.A student in Psychology/ Fajr Al-Eissa to present an Interactive session on how to manage negative emotions and feelings in everyday

life. This coincides with World Mental Health Day, which falls on October 10. The session also included promoting attention to mental health, having the courage to express problems and crises, and searching for all possible means of support. The Mental Health Support Group aims to design a safe work environment that ensures that everyone has the resources they need to support their mental health and share their personal experience with each other.



Breast Cancer Awareness Month concludes with “Art Therapy” Session

The team of KIPIC Circle concludes the month of October for Breast Cancer Awareness with an awareness session on “Art Therapy” for female employees only through drawing, which is presented by Art Therapy Academic / Alaa Naim from Art Therapy Studio, the first specialized art therapy studio in Kuwait and the Arab world.

The attendees were invited to enjoy

nature and meditate, and to use drawing freely to unleash their emotions. Because the arts, like all forms of non-verbal expression, contribute to enhancing the ability to explore, express and communicate aspects that we do not know. Which improves the quality of human relationships because it focuses on the emotional factor, which is essential in every human being, which helps to be more aware of the dark sides, and thus facilitate the development of personality.



Hanan Al-Mayas, Kuwaiti Archery Champion

Wins the Silver Medal in the Second Arab Clubs Archery Championship

Hanan Al-Mayas, a colleague from Finance Group and archer, came in second place in the women's singles competitions in addition to the silver medal in the mixed team competitions in the second Arab Clubs Championship for archery, which was held in Tunisia in October 2022. We proudly introduce her through the following discussion:



1. Introduce yourself

Hanan Fahd Al-Mayas, Kuwait University graduate majoring in finance.

I love sports of all kinds, travelling and adventures, and drawing.

2. When did you join KIPIC?

I joined KIPIC in May 2019 as a Budget and Reporting Analyst in the Finance Group.

3. When did you start practising archery?

I began practising archery in 2012 using the Olympic bow until I reached a distance of 70 meters, and in early 2022, I opted to start with the compound bow, which made me the first Kuwaiti woman to shoot with this type of bow at a distance of 50 meters. I passed the archery arbitration exam and practiced arbitration for two seasons as a result of my love for the sport.

4. Why archery in particular?

It is one of the few sports that does not have an age requirement, and it is a nonviolent individual activity that focuses solely on mental preparation such as concentration and self-control in addition to physical training.

5. What previous tournaments have you participated in?

I participated in several local tournaments, including His Highness the Amir's Grand Championship and His Highness the Crown



Prince's Championship, in which I won five gold medals and a bronze medal. I was also nominated to compete in the Asian Championship's second stage, which was held in Iraq in May 2022, and I was recently granted 5 silver medals at the individual level, mixed teams, and final qualifiers in the Arab Championship, which was held in Tunisia in October 2022.

6. Tell us about the Tunisian championship, how did you participate and prepare for it?



Thankfully, the development in my performance was noticeable, especially after the Asian Championship, where I developed an intensive training plan for 3 months in preparation for the Arab Championship. After finishing my shift at the company, I would head directly to Sheikh Sabah Al-Ahmad Shooting Ranges Complex and train for 3 hours. Then I would go to a private women's gym to practice strengthening

my muscles for two hours, six days a week until my results became very close to the Arab champions' and there was a hope that I could reach the finals, and so, I was chosen to be part of the Kuwaiti team participating in the Arab Championship.

7. What are some of the challenges you have faced?

One of the difficulties I faced in the tournament was the tension, especially when I reached the gold medal match with the presence of fans and cameras. It was my first experience in an external tournament where the tie was continuous for 3 rounds, but thankfully it ended with me getting the silver medal.

8. What are your ambitions regarding archery?

I am currently seeking to continue with my diligent shooting practices until I achieve advanced results that qualify me to compete with world champions and hopefully raise the flag of Kuwait in international forums. I also aspire to continue the arbitration and obtain the title of Continental Arbitrator.

9. How has exercise affected you, especially on a personal level?

Exercising boosted my confidence and made me realize that if a person is determined, he/she can achieve their goals. It also helped me manage my day and use my time productively.

10. Would you like to add anything?

I wholeheartedly thank KIPIC for the continuous support and encouragement, as well as my family and friends for urging me to continue and providing me with all the possible means to achieve my goal. I'm looking forward to a bright future, God willing.

Establishing an Outdoor Garden on the Maintenance Building's Roof

In an effort to meet the imperative need to increase green areas, the General Services Group, represented by the Office Admin & Building Maintenance Team, established an outdoor garden on the roof of the Al-Zour Complex's maintenance building.



Site Preparation & Soil remediation for Kuwait`s Largest Environmental Friendly Oil Refinery, by Utilizing Dredging & Soil Compaction

Article by



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Walid Al-Kandari
Sr. Eng. Projects

Kuwait Integrated Petroleum Industries Company is Constructing a new refinery at Al Zour, Kuwait. The refinery site`s native land is low lying and contains areas of loose or poor soils known as Sabkha (soil consisting of deposits which are usually soft and susceptible to salt leaching). The low-lying area is prone to flooding from extreme rainfalls and from extreme high tides. The site of the Al-Zour Refinery requires soil remediation to improve its load bearing properties and it requires to be raised in levels to alleviate the risk of flooding and enabling the underground services to be above the groundwater level, as well as, providing stormwater drainage system of the refinery to be a gravity drained, which will save major capital cost.

KNPC (Former Owner of the Project) has contracted with M/s Van Oord to perform the Ground Remediation and Site Preparation for the project site. The work package is consisting of the preparation, remediation, and filling of the ground in the Al-Zour refinery area to the designed level, including testing and (geotechnical) monitoring. The majority of the fill is imported by dredging; hydraulic transport and disposal of fill materials obtained from selected marine borrow areas. To repopulate the affected marine habitat in the area where the sand was excavated, the crushed

rocks are placed on the seabed to create an artificial reef, so that marine habitat can blossom in 5-10 years` time.

The estimated quantity required to complete the project was 60,000,000 m3. Which is equivalent to 40 times the total volume of Burj Khalifa in Dubai. By using this approach (dredging the sand from the sea) we had prevented the risk of using the public roads to transport around 3.3 million truckloads. Another challenge of the project is the pumping distance for the heavy sand, the closest area is located approximately 5.5 KM from the nearest offshore vessel stand.

There were major challenges in this project, where the weak parts of the site are dominant by Sabkha. Therefore, sand was driven in to replace the in-situ soil by placing a layer of sand and dropping heavy concrete blocks. The sand formed columns and a solid base for the material above. Subsequently, another layer of good dredged sand is placed and compacted further. until the final level is reached. This paper will provide insight on how the farsighted vision and planning for major projects from environmentally, safety, logistically and quality point of view has led to a successful execution within the required time period and allocated budget.

