



KIPIC

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Editor - in - Chief

Fayez Ahmad Al-Mathkoor

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The Minister of Oil Visits Al Zour Complex



His Excellency the Deputy Prime Minister and Minister of Oil, Chairman of the Board of Directors of Kuwait Petroleum Corporation, Dr. Bader Al-Mulla, paid a high-level visit to KIPIC.

Dr Al-Mulla was received at the administrative building of the new Al-Zour Refinery, by the CEO of Kuwait Petroleum Corporation (KPC), Sheikh Nawaf Saud Al-Sabah, and the CEO of KIPIC, Mr. Waleed Al-Bader, in addition to the DCEO of the Al-Zour Refinery, Mr. Khalid Al-Awadhi, and DCEO of Petrochemicals and LNGI and Act. DCEO for Financial and Administrative Affairs, Mr. Abdullah FahHad Al-Ajmi, along with a number of officials in the company and in the Kuwaiti oil sector.

Upon his arrival, the Minister



of Oil held a meeting with the company's management, during which he congratulated KIPIC family on the inauguration of the first phase of the refinery, the start of commercial operation, and the global export of a number of products in collaboration with the Kuwait Petroleum Corporation's International Marketing Directorate.

He further stressed the significance of adhering to the best global programs and methods used in the fields of health, safety, security, and the environment, citing this as a major priority directly related to the sector's responsibility to maintain employees' safety, secure oil facilities, and ensure that the state fulfills its local and foreign obligations.

His Excellency was given a detailed explanation of the company's operations as well as a visual presentation

of its future plans. Al-Mulla also briefed on the company's strategy and future prospects, reaffirming his support for everything that would develop the capabilities of the company and the rest of the oil sector companies to implement their plans and projects. He also mentioned the importance of focusing on the Kuwaiti human element and providing it with more skills and capabilities that contribute to its development, particularly

modern training and rehabilitation programs.

Following the meeting, the minister toured the Al-Zour Oil Complex with the company and industry leaders to hear an update on production activities. He expressed his sincere appreciation for the operating team's unwavering dedication and tireless work. A tour of the permanent Liquefied Natural Gas Import Facility was also included in the inspection visit.



The Sixth Annual Townhall Raises the Slogan “We were and now here we are”



After putting forth great and mighty efforts to realize the long-awaited dream, the sixth annual townhall of the company's employees was launched under the slogan “We were and now here we are” in the Auditorium of the administrative building of Al-Zour Refinery in the presence and auspices of the CEO Mr. Waleed Khalid Al-Bader.

An exceptional townhall

Mr. Waleed Al-Bader delivered the opening remarks, emphasizing that this year's townhall was considered exceptional because it witnessed a historic event for the company in particular and Kuwait in general. What was a dream yesterday is now a tangible reality; with the start of commercial operations of Al Zour refinery that's considered the largest in the

world accomplished on a single stage on November 6th, 2022 and Kuwait's entry into a new economic era that promises more growth, prosperity, and giving.

He added that the company has already begun export operations to foreign markets for all high-quality petroleum products, as well as securing the needs of power stations for clean liquid fuel oil, all of which contribute to our beloved Kuwait moving to a promising environmental stage of improving air quality in the country.

This achievement, according to Al-Bader, came just a few months after the completion of the permanent Liquefied Natural Gas Import Facility, which provided Kuwait with sustainable energy supplies.



Rehabilitation of the Human Element

In terms of interest in training the human element and qualifying it to keep up with ongoing market changes, Al-Bader referred to the opening of KIPIC Academy, the first training edifice of its kind in the local oil sector that relies on smart and qualitative technologies. He emphasized that KIPIC is regarded as one of the first companies in Kuwait to adopt technical solutions for networks based on artificial intelligence in order to provide a flexible and responsive environment, aiming to promote and enable digital transformation in all aspects of the company, in addition to providing projects with the latest automation technologies.

Al-Bader concluded his speech by emphasizing the company's ongoing commitment to spreading a culture based on adherence to health, safety, security, and environmental standards across all work sites, before addressing a word of thanks and appreciation to KIPIC family and success partners contractors



Varied Segments

The townhall segments saw a lot of diversity between induction, dialogue, and entertainment.,

The Information Technology Group, on the other hand, had an explanatory statement on the nature of the group's work and recent achievements during the year 2022, as it was divided into initiatives and business. For initiatives it was represented in making entry permits using the "KONNECT" application, as well as carrying out an initiative of (meeting rooms using the KONNECT application) to register attendance at training courses.

In terms of business, IT stated that it implemented electronic signature technology in collaboration and coordination with the Public Authority for Civil Information, as well as creating the electronic personal card.

The team made a point of emphasizing that all of the group's initiatives and works are carried out by Kuwaiti employees at KIPIC.

Competitive Contests

The entertainment stood out and demonstrated a strong sense of humour, fun, and knowledge. A competitive contest was held under the name (With



Liquefied Natural Gas Import Facility project, discussing the project's launch and how he laid the first seeds of the project when he was at Kuwait Petroleum Corporation (KPC) , CEO Mr. Waleed Al-Bader, who, as is his annual custom, made room for the "Open Questions with the CEO" segment, where a number of questions related to work and employees were asked and answered in transparency and objectivity.

Thanks, and appreciation

At the end of the townhall, the CEO was acknowledged in gratitude by KIPIC



KIPIC), which was similar to the famous Kuwaiti program (With Students). The competition witnessed competition between two different generations of the company and was presented by the Deputy CEO of Petrochemicals and LNGI and Acting Deputy CEO for Financial and Administrative Affairs, Mr. Abdullah Fahhad Al-Ajmi.

Additionally, the entertainment segment included a special meeting with a robot, the "Golden Ticket", as well as the fun segment with the raffle wheel for the winners.

Off the Script

Toward the end of the event, a segment titled "Off the Script" was held. The segment dealt with the biography of the inspiring person behind the company and the owner of the idea of permanent

family for his outstanding and constant efforts to deliver everything that is best for the company, its future, and the dear motherland, Kuwait.

Mr. Waleed Al-Bader, for his part, thanked all the workers for their tremendous efforts to establish and complete these projects, which faced many political, administrative, and even global challenges due to the Corona pandemic, emphasizing his full confidence in KIPIC family to continue their efforts and provide all their energy to make more possible.

Top Management Pays a Field Visit to the New KIPIC Administrative Head office

A delegation of top management and middle management in KIPIC made a first field visit to the new main administrative head office of the company located in Al-Ahmadi, which is still under construction, in order to observe the latest developments and works.

The visit aimed to get acquainted with the nature of the workflow and to find out the mechanism for implementing the established plans and to ensure that they comply with the required specifications and the extent of adherence to the specified schedule.

The delegation was led by KIPIC's CEO Mr. Waleed Al-Bader, and with him was the Deputy CEO of Al-Zour Refinery, Mr. Khaled Al-Awadhi. and Mr. Abdullah Fahhad Al-Ajmi, Deputy CEO for Petrochemicals and LNGI and Acting Deputy CEO for Financial and Administrative Affairs, in addition to a number of group managers.

The visit included watching an illustrative video presentation of the plan of the new building project, its various sections, and the locations and offices of the groups and units. The presentation showed the company's ability to move smoothly from one building to another and its extensive



company, which guarantees the comfort and stability of the workers, contributes to increasing their productivity and facilitating their connection to the various affiliated projects in the Al-Zour region. In, it reduces expenses by saving the rental value of the administrative offices that the company is currently renting in the Olympia Complex building in Salmiya region.

The cost of the new building is estimated at 5.4 million Kuwaiti dinars, and it is considered as a fast-track project, as it is expected that the building will be completed, and the workers will move in August 2023.



experience in this field. In this regard, the presentation noted the smallest details and took into account all available data, which makes the transition process very flexible and easy and preserves the workflow without disruption.

The video focused also on safety points, as the new building adheres to security and safety requirements and is fully compatible with the requirements for green buildings.

It is worth noting that the project is located on an area of 88,000 square meters and includes a building that occupies an area of 14,000 square meters, in addition to expandable car parks, with a capacity of more than 300 cars.

The new building project aims to find a permanent headquarters for the



KIPIC, a Diamond Sponsor of the Sixth Maintcon Conference



KIPIC participated as a diamond sponsor in the sixth Maintenance and Reliability Conference and Exhibition (Maintcon 2022), which was hosted by the Kingdom of Bahrain from November 27 to 30, 2022, under the auspices of the Bahraini Minister of Oil and Environment, Mohammed Bin Dinah, and organized by the Gulf Society for Maintenance and Reliability (GSMR), and the Society of Engineers.

Mr. Khalid Al-Awadhi, Deputy CEO of Al-Zour Refinery, delivered a speech during the conference in which he confirmed that KIPIC has been a partner with the Gulf Society for Maintenance and Reliability (GSMR) since 2018, and is one of the sponsors of the “Maintcon” conference. He also discussed KIPIC’s digitization roadmap, which focuses on attaining operational excellence at Al-Zour refinery in accordance with KPC’s 2040 vision. In this context, Al-Awadi stated that, despite its severe influence on many sectors of life, the Corona pandemic has accelerated the whole change to digitalization and digital technologies and tools. This was



the main source of inspiration for KIPIC’s slogan, which is: “Making more possible,” and it also focused on the company’s triumphs in the areas of operation and commercial export, as well as the deployment of cutting-edge technological advances to improve workflow.

A set of technical working papers were also displayed, including one titled “Utilizing Models of Manufacturing Processes to Support Operational Excellence at Al-Zour Refinery,” which was presented by Mr. Ali Al-Ajmi, Director of the Technical Services Group, and Mr. Hamed Al-Azmi, Senior Engineer of Manufacturing Engineering.

Meanwhile, Mr. Ali Al-Awadi, Team Leader Maintenance Planning, delivered a presentation titled “Digital Technology Challenges in Oil Refining Institutions and Complexities vs Capabilities in the Age of Digital Life.”



Senior Maintenance Planning Engineer Abdullah Al-Naqi delivered a technical paper titled “Increasing the safety and efficiency of periodic maintenance interruptions through digital transformation,” along with engineers Ayyad Al-Hatlani and Hamed Al-Bader from the Department of Maintenance. Whereas engineer Ahmed Al-Amir of the Al-Zour Refinery Maintenance Group presented a technical paper entitled “Electrical Power Consumption Program”. Engineer Hamad Al-Omran from the Maintenance Group also delivered a technical paper titled “Study of the Improvement of Multimodal Oil Transport”. Eng. Latifa Al-Qallaf, from the Maintenance Planning Team, participated as the presenter of the panel discussion on night (WIAM).

It is relevant to note that the Maintenance Group of Al-Zour Refinery, led by Mr. Ahmed Habib Al-Khaldi, is a regular contributor to the Gulf Society for Maintenance and Reliability’s “Osool” magazine. KIPIC is pleased to announce that many of its employees contributed to the April 2021 issue of this electronic news magazine, which is published quarterly by the association.

The conference drew nearly 2,000 people from all over the world. It was also supported by a distinguished scientific program that comprised 72 scientific papers delivered by professionals and specialists in the domains of maintenance, reliability, and asset management. The exhibition was attended by more than 70 companies and consulting destinations, including Saudi Aramco, Kuwait Oil Company (KPC), Saudi Basic Industries Company (SABIC), Bahrain Petroleum Company (BAPCO), Qatar Petroleum, Oman Oil Company, Alba, and other significant oil and petrochemical firms.

The conference also addressed the participation of women in the industry and asset management, with a special event planned for this purpose and special prizes handed to women in three categories: Emerging Professionals, Women for Excellence and Achievement, and Women Empowerment Award.



Future Leader

- Engineer Noura Al Saad from Maintenance Group took first Excellence prize in the category of future leader Award.



The Leading Woman

- Eng. Faten Taqi from Technical Services Group, received the emerging professional Award.



Excellence Award

- Bader Al-Jazzaf, Team Leader Reliability, won the Excellence prize in the category of in the Achievers Award



Best Innovative Idea

- Engineer Ali Al Dousari and Engineer Aisha Al-Jalahma from the Maintenance Group were distinguished for their participation in the best innovation corner

Exchange Visits Held with Oil Companies

The last month of 2022 was marked by a series of mutual visits between KIPIC and a number of other oil companies based on the joint cooperation between the family of the oil sector in Kuwait.

In last December, the company received a delegation from Kuwait Oil Company headed by the CEO of the company, Mr. Ahmed Al-Eidan, to get acquainted closely Al-Zour complex projects and the latest developments on this mega site.

At the forefront of those receiving the delegation was the CEO Mr. Waleed Al-Bader, Mr. Khaled Al-Awadhi, the Deputy CEO of Al-Zour Refinery, and Mr. Abdullah Fahhad Al-Ajmi, Deputy CEO of Petrochemicals and Liquefied Gas.

The visit included a general tour in the refinery project, LNGI, and petrochemical projects. The working mechanisms of each project were examined, alongside with the plans developed to maximize benefits and achieve the greatest economic benefit from them, which is in the interest of the oil sector in particular and Kuwait in general.



reaches its maximum production capacity of 615 thousand barrels per day, Al-Awadhi added

Exchange Visit

In return, the Kuwait Oil Company's South Ratqa heavy oil field was visited, also in last December, by a delegation from the KIPIC led by the CEO, Mr. Waleed Al-Bader, and joined by Mr. Khaled Al-Awadhi, Deputy CEO of Al-Zour Refinery, during a general inspection visit to KOC.

The delegation was welcomed by Mr. Ali Hussein Al-Kandari, Deputy Chief Executive Officer of north Kuwait area at KOC, as well as a number of other high company personnel.

In the first part of the visit, the delegation attending a visual presentation about the most significant production facilities in the South Ratqa field as well as a discussion of heavy oil extraction methods, which can be classified into 4 categories: improvement by periodic steam injection, cold production of heavy oil with sand, water pumping, and chemical pumping.

The presentation covered the localization of the most recent systems for exploration, production technologies for well development, as well as the facility's treatment and separation process for oil and gas.

A field visit to the main production operations center CPF60 was also organized for the KIPIC delegation to become acquainted with the equipment and process control devices, as well as the ideas proposed regarding the utilization of renewable energy such as solar energy, wind energy, or through electricity production technology (COGEN).



Mr. Al-Bader emphasized the company's keenness and great interest in the health, safety, and environment file, as it is dealt with as a first priority in the work list, and is no less important in some ways than the construction, production, and development plans, in addition to the keen interest in national cadres and the youth component.

Mr. Al-Ajmi, from his part, explained that the project's design and configuration are currently being modified to make it more commercially viable, which increases its value. The project is slated to use raw materials from the nearby Al-Zour refinery to produce 2.7 million tons of aromatics and polypropylene annually by the end of 2024.

Regarding the Al-Zour refinery project, Mr. Al-Awadhi emphasized



that the refinery's ability to deliver high-quality products that meet the strictest standards demanded in the international markets is its most crucial feature. He also noted that the project essentially consists of three mini-refineries, the first of which has already been gradually operated, and it is anticipated that the other two will follow soon. According to the proposed operation plan, the third refinery will be gradually operated beginning in the first quarter of 2023 and continuing through the operation of the second refinery until it





in Umm Al-Aish

In addition, a delegation from KIPIC, led by Mr. Abdullah Fahhad Al-Ajmi, paid an inspection visit to the Kuwait Oil Tanker Company's (KOTC) liquefied gas filling plant in the Umm Al-Aish neighbourhood. Eng. Nawaf Al-Zaabi, Factory Branch Acting Manager, welcomed the delegation.

The delegation conducted a field tour of the plant's facilities and access to all stages of liquefied gas cylinders filling. This project has a special advantage, namely, the method of storage of liquefied gas so that the tanks are buried, which is considered the safest in the methods of storage of liquefied gas globally, in addition to its contribution to the preservation of the environment.

Eng. Aisha Al-Adwani, the factory's chief engineer for health, safety, and the environment, gave a presentation on all of the factory's operations, including the use of Flex Speed technology in the filling centers to control the filling centers' production capacity by increasing or decreasing the speed of the production center in response to the demand for liquefied natural gas in the local market.

Mr. Abdullah Fahhad Al-Ajmi, for his part, gave directions and instructions based on his prior knowledge to all workers present at the site.



The Third Communication Forum Returns to Reunite the Oil Sector Family



After a two-year hiatus due to the Corona pandemic, the activities of the third communication forum of KPC and its subsidiaries were launched under the slogan "Let's Connect," hosted by the Kuwait Oil Company at the Ahmad Al-Jaber Oil & Gas Exhibition, and supervised by the Kuwait Petroleum International in collaboration with the rest of the oil companies.

KIPIC's participation in the forum's activities was influential and effective, trusting in the importance of communication in highlighting the successes of KPC and its subsidiaries, and in strengthening the role of the institutional communication sector in implementing the oil sector strategy 2040, in light of a changing regional and international environment with great challenges that necessitate constant adaptation. To acquire a global leadership position.

A number of oil sector leaders, senior officials, team leaders, Groups' managers, and employees from many sectors of communication attended the forum.

The forum aimed to exchange experiences and best practices in the fields of communication, media, public relations, and crisis management, as well as to keep abreast of the latest developments and technologies adopted globally, as well as to strengthen the network of relationships between workers in these areas in various oil sector companies.

Tough Competition for the Title of “Strongest Company”



KIPIC participated in the competition ‘The Strongest Company,’ organized by the Department of Relations at the Kuwait Petroleum Corporation, at the KPC stage, under the auspices and presence of the Kuwait Petroleum Corporation’s CEO, Sheikh Nawaf Saud Al-Sabah, as well as the presence of KIPIC’s CEO, Mr. Waleed Khalid Al-Bader, and the chief executive officers of subsidiaries of the Kuwait Petroleum Corporation.

This was the first event of its kind in Kuwait’s oil sector, featuring cultural questions from three categories: oil questions, general information questions, and sports questions. The oil companies’ combined teams played in a two-day qualification format, with the team with the most points progressing to the semi-final stage and ultimately the final.

KIPIC’s participation was notable during the competition, which saw a

significant convergence in levels and a fierce struggle for the ‘strongest firm’ cup.

The competition concept derives from the implementation of the 2040 Communication Strategy, with the goal of encouraging employees and workers in the oil sector and establishing an atmosphere of commendable engagement and competitiveness among them, which is ultimately in the sector’s interest.

Leading Awards and Symposium for Women in the Energy Sector (LEWAS 2022) Honours Faten Taqi

The annual Forum and Excellence Award for Women in Leadership in the Energy Sector (LEWAS 2022) ceremony saw the honouring of promising engineer, Faten Taqi – Senior Eng. Process, and her advancement to the finals of the Women’s Award for the Middle East, which is held annually to honor distinguished working women in the regional oil industry.

This accolade is the result of Faten Taqi’s tireless efforts at work, her boundless honesty, and her unwavering desire to achieve the best, so that she embodies all of the characteristics of a leader.

This year’s celebration was organized under the tagline “The Future of Energy: Unlimited Possibilities,” and more than 400 women leaders from the Gulf Cooperation Council and the Middle East took part.



LEWAS strives to build a culture of leadership excellence for women in academia, business, and industry in the fields of oil, gas, bioenergy, and renewable energy, as well as to participate in research, lectures, and specialized studies for women’s development in science, engineering, and energy. It highlights women’s achievements in the oil, gas, energy, and environment sectors throughout all GCC countries and the Middle East, as well as their tenacity, competence, and inventiveness, qualifying women to be an active and significant participant in the sector’s growth and development.

This event, which has been sponsored yearly by Bahrain since its inception in 2013, is organized on a regular basis at the Middle East and GCC levels for women leaders who have made outstanding contributions to the energy sector.

Collaborative Visit to the American University and the Kuwait Institute for Scientific Research

KIPIC Training and Career Development Group organized a visit to the American International University (AIU) in Kuwait, located in the Jahra region, to inspect the facilities and discuss opportunities for bilateral cooperation through the signing of a joint memorandum of understanding.

AIU has responded positively to the cooperation, emphasizing its desire to improve its students’ practical training experience, which is certainly consistent with KIPIC’s goals of providing a practical educational experience for students and preparing leaders for the next generation in Kuwait.

In this context, the collaboration will also provide the opportunity to hold workshops for the company’s employees under the supervision of a faculty member from the university, with the goal of enhancing the scientific capabilities of the company’s employees, thereby benefiting the work team and contributing to the advancement of the development wheel in KIPIC.

On the other hand, the company’s Research and Technology Department organized a visit to the Kuwait Institute for Scientific Research in order to closely observe the Operations Planning and Corrosion Departments, become acquainted with the Institute’s facilities, and strengthen opportunities for joint cooperation between the two sides.



Workshop Supervised by the "Australian University" at KIPIC Academy

The Training and Career Development Group in KIPIC organized the first leadership workshop under the supervision of faculty member of “Australian University”.

The workshop, which was hosted at KIPIC Academy, aimed to improve and hone the leadership competencies of managers, team leaders, and seniors in the organization. This included developing their skills, abilities, and assisting them in keeping up with the most recent scientific developments in the labor market.

Other workshops are planned to be held at the corporate office and KIPIC Academy in accordance with a schedule that has been established with the interests and goals of the company.

It is worth noting that KIPIC and the Australian University signed a memorandum of understanding with the intention of enhancing their bilateral cooperation and bringing more opportunities for the professional development of both company employees and university students.

The memorandum benefits both parties by providing training and employment opportunities for university students in KIPIC, as well as training programs for company employees by university members in the company’s training centres.



Al-Zour Garden Reforestation



Once again, KIPIC proves that caring for the environment has various constructive results, beyond improving air quality and preserving nature, despite the harsh desert climate.

This was confirmed by KIPIC’s interest in green spaces that play an important role in modifying the climate and improving everyone’s quality of life.

As a result, the Office Maintenance Team has planted and afforested- the company’s Al-Zour garden.

The team efforts were rewarded with success, not only in terms of increasing the green nature and areas of the garden, but also in the production of pomegranate and fig fruits, which is a tangible indication that adopting environmental issues can go beyond slogans and transform into productive work and achievements.



An Open Day for Kuwaitization Contract Employees



An entertaining open day for employees on Kuwaitization contracts was arranged by KIPIC in conjunction with Kuwait Telecom Company (STC) with the participation of numerous workers from the two companies.

The event took place in Salmiya in front of the Olympia complex. There were numerous staff competitions and challenges, and many prizes were handed out by STC to the winners.

This type of activity is a manifestation of the company’s policy to increase job engagement, foster relationships, and create a sense of familiarity among staff members, all of which eventually serve the interests of the workplace and improve performance in order to achieve the intended goals.

Zero Flaring and Venting Philosophy

At Liquefied Natural Gas Import Facility (LNGI) terminals, the process of maintaining the LNG in its liquid form deals with a critical temperature of -160 degrees Celsius. In due course, the LNG's movement to the Tanks and Pipelines in the terminal results in undesired LNG vaporization. The boil-off gas (BOG) is the result of heat absorbed by the LNG.

For re-gasification facilities (receiving terminals), the collected vapours could be dealt with by several different methods:

- Used as Fuel gas on-site
- Compressed and sent back to the process line
- Sent to the unloading ship to replace the LNG withdrawn from its tank to avoid vacuum pressure
- Sent to the gas flare

Alternatively, the philosophy adopted for the Al-Zour LNGI terminal design is based on zero boil-off gas flaring and no venting during normal operation of the facility. The measures adopted in the design to achieve zero flaring include:

- Installation of Boil-off gas compressors (4 nos.)
- Routing Vent lines and Relief valves to the BOG header to be recovered via the BOG Compressors
- Provision of a highly reliable flare gas ignition system
- Selection of proper flare tip to suit the operating conditions of the flare system
- Significant reduction in the operational expenditure (OPEX) costs of the Flare Package
- Provision of a flow meter to monitor the gas being sent to the flare

There are many significant benefits of using Zero flaring, such as:

- Reducing CO2 emissions in wasted gas to ensure environmental sustainability
- Saving gas otherwise wasted in combustion
- Reduction in maintenance requirements

Article by:



Eng. Hanan Al-Shehab
Eng. Process



Eng. Bader Jeragh
TPL Specialist
(engineering and projects)



Opening of the New Al-Zour Complex Mosque

