



KIPIC

البترونية المتكاملة

Editor - in - Chief

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Under the patronage and presence of His Highness the Prime Minister

KIPIC celebrates the official opening of the administrative building of Al-Zour Refinery

Under the patronage and presence of His Highness the Prime Minister Sheikh Sabah Khaled Al-Hamad Al-Sabah, Kuwait Integrated Petroleum Industries Company (KIPIC) celebrated the official opening of the administrative building of Al-Zour Refinery, on the sidelines of the extraordinary meeting of the Council of Ministers chaired by His Highness, which was held on Thursday, September 9, 2021 at AL Zour refinery's administrative building. It is considered an important historical occasion, as KIPIC was the first oil company chosen to host this exceptional meeting.

The administrative building of Al-Zour Refinery is a distinctive architectural masterpiece in the heart of Al-Zour Oil Complex. The building consists of seven floors with a view of the units of Al-Zour projects, and includes a theater of international standards, a service center, multi-purpose hall, and a fully equipped health club.

KIPIC was keen to take into account all environmental requirements in the design of the building to comply with the requirements of green buildings, in addition to implementing the (Zero Water Waste) project to recycle all

used water in order to preserve the environment.

It is worth noting that the main administration building of the Al-Zour Refinery has obtained a two-star evaluation certificate in the category of new buildings under construction, after the building successfully passed the requirements of the Global Sustainability Assessment System (GSAS) from the Gulf Organization for Research and Development (GORD).





With a volume of 213,000 cubic meters

KIPIC: The arrival of the first shipment of liquefied natural gas to the port of Al-Zour

Kuwait Integrated Petroleum Industries Company (KIPIC) announced the arrival of the first tanker carrying the first shipment of liquefied natural gas to the port of permanent units to import liquefied natural gas in the port of Al-Zour, with a volume of 213,000 cubic meters, marking the near operation of the units.

KIPIC spokesman, DCEO petrochemicals and LNGI and A/DCEO finance and admin affairs Abdullah Al-Ajmi said that the shipment arrived on board

the Qatari tanker “Al-Kharsaa”, a Q-Flex model, designated for transporting liquefied natural gas, which sailed from the State of Qatar to the LNG terminal in Al Zour region. Al-Ajmi, explained that this shipment is the first this year to transport liquefied natural gas, which is a qualitative leap in the progress of the completion of projects of the Al-Zour oil complex.

He expressed his contentment with this achievement in the project of importing liquefied natural gas

facilities and the transition from the construction phase to the operating phase, indicating that it is scheduled to receive the second shipment on the world’s largest LNG carriers of the Q-Flex model, which is enhanced by the latest technologies and has a capacity of 217 thousand cubic meters of liquified natural gas.

He pointed out that the import of liquefied gas from Qatar comes within the quantities agreed upon between the global marketing sector of the Kuwait Petroleum Corporation and

Qatar Gas Company, to launch the first phase of operating the import facilities for liquefied natural gas on the 27th of this month, as all stages and shipments will be completed by next December.

He stated that the first phase of the project to operate the natural gas import units includes operating 4 out of 8 tanks with their facilities and support services by conducting the cooling process, pointing out that the unloading process from the first tanker will be limited to filling only one tank.

He added that the project to import liquefied natural gas is the first of its kind in Kuwait and one of the largest facilities for importing liquefied natural gas in the world in terms of storage capacity, as it contains 8 tanks with a capacity of 225 thousand cubic meters each.

Al-Ajmi stated that the project of permanent units for importing liquefied natural gas is part of the long-term strategic plan of Kuwait Petroleum Corporation for the year 2040 to support its commitment to provide the country’s current and future energy needs of optimal fuel economically and environmentally.

He stressed the importance of the project, which will contribute to meeting the clean energy needs of electricity and water plants, in addition to the needs of oil refineries and petrochemical industries, which will lead to maximizing the economic return of the State of Kuwait by making more possible. to achieve this feat.



\$2.9 billion cost of liquefied gas facilities

Al-Kharsa'a

At a time when great strides were made towards accelerating the pace of completion of the Al-Zour oil complex, which was entrusted with its construction and management in 2016, the Kuwait Integrated Petroleum Industries Company (KIPIC) succeeded on 12th January in launching the first phase of operating the gas import facilities, as it received the first loaded gas shipment.

On board the Qatari tanker "Al-Kharsa'a" of the type "Q-Flex", the shipment is estimated at 213,000 cubic meters, and all phases of operating the facility are scheduled to be completed by the end of this year.

On this occasion, we had a meeting with the Director of the Major Projects Group for the Liquefied Gas Project in KIPIC, Eng. Hisham Al-Thuwaini, who confirmed that the permanent facilities project to import liquefied natural gas is the first of its kind in Kuwait and the largest in the world in terms of storage capacity, as it consists of 8 tanks with a capacity of 225,000 cubic meters each.

Al-Thuwaini said that this project is part of the long-term strategic directions of the KPC until 2040, which aims to provide the country's necessary current and future energy needs, by providing optimal fuel economically and environmentally, which achieves an added value for the stages of integrated operations and meets the needs of electric power stations of gas to generate clean energy, especially during the summer at peak times, in addition to the needs of other natural gas consumers such as oil refineries and petrochemical projects.

He pointed to the company's keenness to select the best companies with a reputation and long experience in the field of establishing liquefied gas facilities, pointing to the victory of a tripartite alliance of specialized companies consisting of Hyundai Engineering Co., Ltd., Hyundai Engineering and Construction, and the Korea Gas Authority to implement the project, noting that the total cost amounts to about \$2.93 billion, with an implementation period of 57 months.

Here are the details of the meeting:



- **At the outset, we would like to know the size of the company's recent achievement in achieving progress in terms of operating the first phase of the LNG import facilities project?**

The Kuwait Integrated Petroleum Industries Company was able to achieve an achievement that we are proud of, which is the successful launch of the first phase of operating the permanent facilities for importing liquefied natural gas, where the LNG terminal in Al-Zour region received the first shipment

of gas estimated at 213,000 cubic meters on board the Qatari tanker (Al-Kharsa'a) from The Q-Flex type, which is the second largest liquefied gas tanker in the world, is safe on the 12th of this month, within the quantities agreed upon between the global marketing sector of the Kuwait Petroleum Corporation and Qatargas Company, where filling will be limited to one tank only, due to the huge volume of the tank, which is estimated. Its storage capacity is 225,000 cubic meters, to be completed by the end of December.



Hisham Al-Thuwaini:
The project will be fully operational in December, with a capacity of 8 tanks.

Storage

- **What is the strategic importance of the permanent facilities project to import liquefied natural gas to the country?**

The permanent facilities project to import liquefied natural gas is the first of its kind in Kuwait and the largest in the world in terms of storage capacity. The project consists of 8 tanks with a capacity of 225 thousand cubic meters each. It is part of the long-term strategic directions of the KPC until 2040, Which aims to provide the country's

necessary current and future energy needs, by providing optimal fuel economically and environmentally, thus achieving an added value for the phases of integrated operations and meeting the needs of gas electric power stations to generate clean energy, especially during peak times in the summer, in addition to the needs of other consumers. For natural gas such as oil refineries and petrochemical industries projects.

Clean Fuel

- **What is the economic and environmental feasibility of the project, and how will this affect the development of the country?**

The project is considered one of the vital and developmental projects for the state by making more possible, as the project will contribute to enhancing the ability of the oil sector to provide clean fuel represented in natural gas, which will reduce carbon dioxide emissions. The project also supports the local market and the private sector, in line with the state's efforts to support local content by creating new job opportunities to develop local projects in later industries,

Air quality

- **What is the environmental impact of the project?**

The project complies with the environmental objectives in Kuwait with regard to improving air quality by reducing carbon oxide and sulfur emissions from electric power plants, which reflects the commitment of the Kuwait Petroleum Corporation and its subsidiaries to always correct practices, and its interest in protecting the environment and society.

Port and cost

- **How was the selection of the implementing coalition for the project, and what is the total cost of the project?**

- We were keen to choose the best companies with a reputation and long experience in the field of building liquefied gas facilities, and the project was won by the alliance consisting of 3 specialized companies: Hyundai Engineering Co., Ltd., Hyundai Engineering and Construction, and the Korea Gas Authority, to implement the project, and the total cost is about 2.93 billion. The project is approved by the Board of Directors of the Kuwait Petroleum Corporation following the completion of the feasibility study and the preparation of the preliminary engineering design study in 2015 and on March 30, 2016. The project is scheduled to be fully operational by next December.

The project area

- **Is it possible to find out more details about the project's size and storage capacity?**

The project is located on the sea side of the Al-Zour Refinery project, next to the sulfur loading port of the refinery, on a newly developed land with an estimated area of 725,000 square meters. And reviewing its results on the Environment Public Authority and obtaining its approval, the project included land filling works for the construction of reservoirs, delivery facilities and fumigation of liquefied natural gas with a capacity of 3 thousand billion British thermal units / day of natural gas to supply it to the local gas network, in addition to other support services, and the project includes Construction of the following main facilities and equipment:

1. Two integrated marine berths to accommodate two LNG tankers at one time, with a capacity of 122-266 thousand cubic meters of LNG for one tanker.
2. 8 tanks, each with a capacity of 225 thousand cubic meters, of a full containment type, and the installation of 3 low-pressure pumps in each tank.
3. A system for compressing natural gas vapors (Boil Off Gas) produced during tank filling operations, which includes 4 compressors and control systems. In addition to the natural gas condenser (Re-condenser), with 14 gas high pressure pumps.
4. LNG evaporation units, which include the following:

- Vaporizers (Open Rack Vaporizers) 12 pcs using normal evaporation technology by heat exchange with sea water.
- 3 Submerged Combustion Vaporizers as a backup, and 5 Trim Heaters during the winter months.
- Natural gas flow measurement systems with analyzers for gas sent to the network (Gas chromatograph).
- Facilities and equipment for pumping and returning sea water. It includes treatment facilities for incoming sea water to maintain equipment and sent water, with the aim of preserving marine life, in accordance with the requirements of environmental conditions.
- Emergency burner system, knowing that during normal operations there will be no need to burn any quantities of gas.
- Support services facilities such as fire water system, diesel fuel systems for fire pumps, backup generators, air and nitrogen, in addition to a water purification system.
- Buildings and required infrastructure, which includes administrative buildings, control rooms, roads, shelters, sewage systems, in addition to security systems.

LNG Terminal Receives Two Giant Tankers in One Day

Kuwait Integrated Petroleum Industries Company (KIPIC) announced that the permanent facilities port for importing liquefied natural gas, received two giant LNG carriers; "Rashida" of the type "Q-Max" and "Al-Areeq" of the type of "Q-Flex" on the same day and same platform in a precedent that is the first of its kind.

On Tuesday, September 21, 2021, the two tankers sailed from Ras Laffan Port in the State of Qatar and successfully anchored safely on the gas berth. The tonnage of Rashida is 262,132 cubic meters, while the tonnage of Al-Areeq is 132,472 cubic meters.

The Qatari tanker "Rashida" is one of the largest liquefied natural gas tankers in the world, the "Q-Max" tanker, and the Qatari tanker "Al-Areeq" of the "Q-Flex" type. KIPIC's employees at the LNG terminal were able to unload them and handle them at this important event professionally. It is the first precedent in which the port receives two ships on the same berth on the same day, which represents a great development in the logistical and technical operations carried out by the facility and the huge and global capabilities of unloading services. The global marketing sector in KPC is taking serious steps to increase gas import rates, which contributes to accelerating the pace of progress towards full and safe operation according to the set plan.

KIPIC has accomplished an important achievement in terms of operating the first phase of the permanent facilities project to import liquefied natural gas by filling 4 tanks, equivalent to 50% of the project's 8 tanks. A number of operating tests for the project were successfully carried out, and the facility is ready to receive gas tankers until the project is fully operational by the end of this year. KIPIC looks forward to opening new horizons towards maximizing the added value of the State of Kuwait, achieving returns for the benefit of the economy and the environment, and securing energy supplies for the local market and development projects by making more possible.



The refinery project is one of the most important vital and developmental projects led by the oil sector

The Kuwait Integrated Petroleum Industries Company is proceeding with steady steps towards the speedy completion of the Al-Zour oil complex projects, marking the expected start of operation within a few months of the Al-Zour refinery, especially after the resounding success of operating the permanent facilities project to import liquefied natural gas, which was launched last July despite the pandemic of the emerging Corona virus (Covid-19). Which affected the wheel of development locally and globally. These projects will contribute to maximizing the return for the benefit of the national economy, diversifying sources of national income, and providing local energy needs. For more details about this project and its importance to Kuwait, the following meeting came with the director of the major projects group of Al-Zour Refinery, Ibrahim Al-Awadi:

• **At the outset, we would like to shed light on the Al-Zour refinery project and how did the idea come about?**

The Kuwait Integrated Petroleum Industries Company (KIPIC), one of the companies of the Kuwait Petroleum Corporation, is responsible for the construction and management of the Al-Zour Integrated Petroleum Complex, which consists of three projects:

- Al-Zour refinery project
- Permanent utilities project to import LNG
- Complex for the petrochemical industry

The refinery project is one of the main initiatives in the strategy of the Kuwait Petroleum Corporation, which aims to expand refining capacity by building a new oil refinery with a capacity of 615,000 barrels per day, which represents 46% of the total refining capacity of the State of Kuwait, which will contribute to increasing the refining capacity of 936 thousand barrels to 1.4 million barrels per day.

• **A project of this huge size must have been preceded by preparatory work. Can we have a summary?**

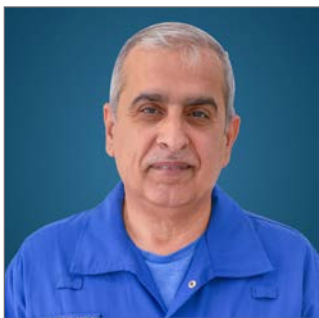
The project has undergone many studies and evaluations, especially with regard to the study of the area on which the project will be built, as the refinery is located 90 km south of Kuwait City.

The project land is weak; Buildings cannot withstand, prone to falling and accumulating water in the event of rain due to the relatively low level of the land, this necessitated contracting with an international contractor to reclaim this soil and it was overcome by raising the refinery relatively from the surrounding areas for easy water flow in the event of rain, reclamation of the soil with the latest technologies, and establishing and equipping main stations to help contractors complete the project, including the marine platform south of Al-Zour station to receive heavy equipment

Through the sea, without the need to use land roads. Also, the construction of the Al-Shuwainat area opposite the Al-Zour refinery on King Fahd Road and linking the two areas with bridges in order to facilitate the movement of contractors and avoid the use of land roads and disrupt the main streets.

• **What are the components of the building complex of Al-Zour refinery and the most prominent products that the project will provide?**

As for the products, the refinery is intended to meet the needs of the Ministry of Electricity and Water in Kuwait, amounting to 225,000 barrels per day of fuel oil product with low sulfur content needed to produce electricity,



Ibrahim Al-Awadi:
We were honored by the visit of His Highness the Prime Minister to the Al-Zour Oil Complex

The administrative building is an artistic icon that has received a sustainability certificate with a score of two stars in the category of new buildings under construction from the Gulf Organization for Research and Development (GORD).

in addition to products of international environmentally friendly specifications: gasoline, diesel and kerosene, which enable Kuwait to occupy a position high in the oil market.

Integrated Petroleum (KIPIC) is building a large-scale refinery in one phase, as the total area of the refinery project is approximately 16 km², so it is considered one of the largest refineries locally, regionally and globally. Administrative, technical and support services to form an integrated complex of buildings in which all services are available.

The building is an architectural icon consisting of seven floors with a distinctive view of the units of the Al-Zour projects, and includes a theater of international standards, a service center, large halls for holding meetings and major events, a mosque bearing the name of the late Sheikh Sabah Al-Ahmad Al-Jaber Al-Sabah, and a fully equipped health club, as well as a construction of several other buildings; The central control building, laboratories, workshops, and warehouses are all within the scope of the building complex to facilitate the transfer of workers between them. The integrated petroleum company was keen to take into account all environmental requirements in the design of the building to comply with the requirements of green buildings, in addition to implementing the (Zero Water Waste) project to recycle all used water in order to preserve the environment. The main administration building of Al-Zour Refinery received a two-star evaluation certificate in the category of new buildings under construction, after the building successfully passed the requirements of the Global Sustainability Assessment System (GSAS) from the Gulf Organization for Research and Development (GORD).

• **What about the environmental dimension represented by the refinery project?**

What addition does it provide in this regard?

The refinery is designed according to the latest technological specifications and equipment, where the electrical network system for monitoring and control ENMC is applied in order to achieve the best management, monitoring, analysis and reporting.

Recycling and using almost all the waste water used in the refinery resulting from refining operations by applying ZLD technology, and the storage capacity will be 6.5 million barrels of low-sulfur petroleum fuel used to maintain a strategic stock of fuel

for different seasons and needs.

There is also more than one highly efficient sulfur recovery unit designed to maintain stable production processes and provide the required environmental level. There are also permanent emissions control systems in high-capacity combustion equipment, and a system for permanent monitoring of ambient air quality.

The new Al-Zour refinery features smokeless and low noise burners, in addition to export facilities for solids and an artificial island for liquid products.

• **His Highness the Prime Minister recently visited the Al-Zour Oil Complex, how did the visit affect you?**

We were honored by the visit of the Council of Ministers headed by His Highness Sheikh Sabah Khaled Al-Hamad Al-Sabah to the Al-Zour Oil Complex, where he attended the inauguration of the administrative building of the Al-Zour Refinery, in addition to a field visit to the strategic Quebec projects and a review of the importance of what these projects offer to the State of Kuwait and the latest work developments, prior to the Council's weekly meeting. We are proud to host this exceptional meeting, which represents an important historical occasion and a precedent for Integrated Petroleum, being the first oil company chosen to host it.

• **Tell us about the protection system in buildings and how to deal in a time of crisis?**

Integrated Petroleum was keen to provide protection systems in buildings to protect workers and devices inside them according to the highest international standards. There are also four crisis management rooms distributed among the buildings; Two rooms in the main administration building, a room in the central control building, and a special room for the refinery units located in the fire station through which any emergency is reported.

• **The Al-Zour refinery project, as you mentioned, was established in one phase and was worked on during the Corona pandemic. What are the challenges and what are the implications of that?**

The Corona pandemic imposed many variables and affected all sectors, development plans and existing projects in the world, for the Al-Zour Refinery project, during that period we had completed the construction work, and the impact of the pandemic was directly limited to two aspects:

- Supply of materials: where production lines stopped in the world.
- Specialized technical labor: the impact of imposing restrictions on movement and travel in the world as a whole on the availability of specialized technical labor necessary to move forward in operating the project units, which affected the postponement of operation.

• **A final word, what will the refinery offer to the State of Kuwait?**

As I mentioned, the project is one of the largest global oil refining projects, which will provide a safe and stable source to cover the needs of the Ministry of Electricity and Water of fuel oil with low sulfur content (less than 1%), amounting to 225,000 barrels, to generate energy and achieve Kuwait's environmental goals in improving air quality through Reducing sulfur oxide emissions. The huge project also relies on the most advanced refining techniques, which will be led by a promising, efficient and trained Kuwaiti generation, and will enhance the capabilities of Kuwaiti youth, which Integrated Petroleum has always given every possible care. The project provides a large number of job opportunities for these young people in addition to major investment opportunities for the private sector, which will contribute In turn, it supports the economic development and prosperity of the country.





To meet the energy needs of the State of Kuwait

Integrated Petroleum prepares to operate permanent facilities to import natural gas

Muhammad Al-Otaibi: Completing the stages of operating the gas facilities project by the end of this year

Despite the challenges imposed by the pandemic, on July 12, Integrated Petroleum succeeded in launching the first phase of operating gas import facilities, as it received the first gas shipment loaded on board the Qatari tanker "Al-Kharsa'a" of the "Q-Flex" type, and the shipment is estimated at 213,000 cubic meters.

It is scheduled to complete all phases of operating the facility by the end of this year, and to talk about the importance of the project and the next steps to complete the operating stages, the following meeting came with Eng. Muhammad Al-Otaibi, Director of the LNG Operations Group, to details:



Contracting with the private sector (the Greek company operating the natural gas network) to operate LNG import facilities to achieve operational excellence

• What is the purpose of establishing the LNG import facilities project?

The decision to establish permanent facilities for importing liquefied natural gas came in line with the strategic directions of the Kuwait Petroleum Corporation until 2040 to meet the current and future local energy needs of various types of economically optimal fuels within the frameworks of environmental laws and requirements, while making sure to provide a strategic alternative to them. This project is the first of its kind in the State of Kuwait, as it is currently being established to meet the increasing needs of the State of Kuwait for natural gas to generate electric power, in addition to the needs of other consumers of natural gas such as oil refineries and petrochemical industries.

The capacity of the LNG import facilities is designed to reach 3,000 billion British thermal units per day (BTU) of LNG (equivalent to approximately 65,000 tons per day).

This project will have an important economic role by providing natural gas to meet the needs of electric power stations, which will contribute to providing quantities of gas oil for export.

• What are the integrated petroleum plans for directing the comprehensive operation of the permanent facilities for importing liquefied gas?

It is planned to complete all phases of operation by next December. Last year, a contract was made with the Greek gas network operator (DESFA) for operation and maintenance services for LNG import facilities, to take over the operation process, thus launching the last stage in order to achieve operational excellence and optimization for the project.

• Can we have more details about the size of the project and its storage capacity?

The project is located on the sea side of the Al-Zour Refinery project, next to the sulfur loading port of the refinery, on a newly developed land with an estimated area of 725,000 square meters. The Al-Zour site was chosen as the most appropriate technically and strategically for implementation, after completing the

environmental impact studies to cover the site, construction and operations, and reviewing its results for the Environment Public Authority and obtaining its approval.

The project included land filling works for the construction of reservoirs, receiving facilities, and evaporation of liquefied natural gas with a capacity of 3000 billion British thermal units / day of natural gas to supply it to the local network, in addition to other support services.

• How will the project contribute to developing the capabilities of the company's employees?

Given the importance, character and size of this strategic project for the State of Kuwait, in particular for the newly established Integrated Petroleum Company (KIPIC), which was entrusted with building and managing the project in 2016, where the newly graduated young men and women constitute approximately 45% of

The project includes the construction of the following main facilities and equipment:

- 2 integrated marine berths to accommodate two LNG carriers simultaneously. With a capacity of one tanker from 122-266 thousand cubic meters of liquefied natural gas.
- 8 tanks, with a tank capacity of 225 thousand cubic meters of full containment type. Installing 3 low pressure pumps in each tank.
- A system for compressing natural gas vapors (Boil Off Gas) produced during tank filling operations, which includes 4 compressors and control systems. In addition to the natural gas condenser (Re-condenser), with - 14 high pressure gas pumps.

LNG evaporation units, which include the following:

- Open Rack Vaporizers - 12 units, using the usual evaporation technology by heat exchange with sea water.
- Three Submerged Combustion Vaporizers as a backup. And the number - 5 heaters to raise the temperature of natural gas (Trim Heaters) during the winter months.
- Natural gas flow measurement systems with analyzers for gas sent to the network (Gas chromatograph).
- Facilities and equipment for pumping and returning sea water. It includes treatment facilities for the incoming sea water to maintain the equipment and the water sent for the purpose of preserving marine life, in accordance with the requirements of environmental conditions. Emergency torch system. Note that during normal operations there will be no need to burn any quantities of gas.
- Support services facilities such as fire water system, diesel fuel systems for fire pumps, backup generators, air and nitrogen, in addition to a water purification system.
- Required buildings and infrastructure, which include administrative buildings, control rooms, roads, shelters, sewage systems, in addition to security systems.
- Supporting facilities also include:
 - Installing two lines to transfer gas to the local network with a diameter of 52 inches, with the necessary operations to connect these lines with the gas lines network of the Kuwait Oil Company, in addition to the gas station No. (BS-180), and the water supply lines of the Ministry of Electricity and Water.
 - Connecting with the electricity sub-stations of the Ministry of Electricity and Water.

the total workforce, a percentage that cannot be ignored. KIPIC is the main engine of the oil industry in Kuwait, Therefore, it was keen to include training programs for national workers in the project to hone their skills and qualify them to lead the work in the project, in order to ensure quality and achieve the desired result, benefiting from the long and long experience of KOGAS in the field of importing liquefied natural gas, where the workers of Integrated Petroleum are trained and involved

Within the operation of the project under the management of the Korean strategic partner, in addition to training programs for operation in agreement with the alliance companies within the contract.

The possibility of exporting LNG carriers: -

LNG can be exported from storage tanks and offloading lines.

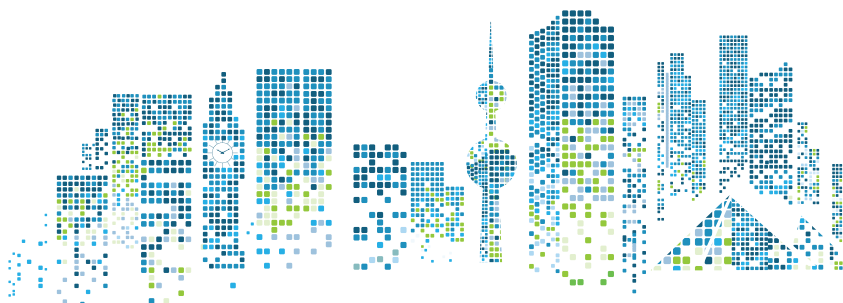
The total capacity of the plant is approximately 5,700 m3/h for export, using three pumps.

LNG Components: -

LPG Plant Lean Gas Composition

Composition (%mol)	Lean Gas (%)
C1	96.9
C2	0.5
C3	-
C3+	-
N2	0.5
H2S	0.1
CO2	2
Total	100
Properties:	
Density [kg/m3]	577
Molecular weight	16.75
Heating value (BTU/Scf)	892

World Cities Day
 October 31, 2021
 BETTER CITY, BETTER LIFE
 Adapting Cities for Climate Resilience



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In the first step of its kind

Training the students of the Public Authority for Applied Education and Training in preparation for their joining KIPIC's family



In the first step of its kind, the Kuwaitization Contracts Department part of the Training and Career Development Group, and in coordination with the Maintenance Group Al Zour Refinery, prepared a field training program for students of the Public Authority for Applied Education and Training. The students will join the KIPIC family soon after completing the program and successfully completing the course within the contractor's employment. The training process for the students took place at the KIPIC Academy, in the company's keenness to develop and enhance the various competencies and experiences of the contractor's labor (Kuwaitization).



KIPIC launches khairan Beach Cleanup activity

In the context of strengthening its social responsibilities and in the interest of protecting the environment, Kuwait Integrated Petroleum Industries Company (KIPIC) organized an event to clean up Al-Khiran Beach, on Sunday September 19th, 2021. This coincides with the celebration of the World Beach Cleanup Day, which falls on September 18th.

Team Leader Environment and Social Responsibility, Hanan Al-Qenai said: "KIPIC is organizing this event out

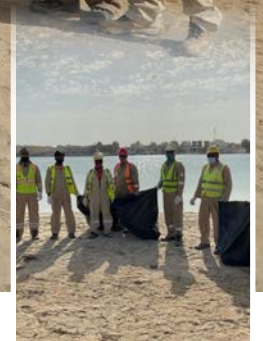
of its keenness to promote social responsibility, especially with regard to protecting the environment and marine life, and this is not the first time that an event has been organized to clean the beach."

She pointed out that the World Beach Cleanup Day is a global initiative identified by the United Nations and celebrated by the countries of the world through the implementation of many activities to clean coastal and marine areas and aims to increase environmental awareness of the importance of coastal areas

while highlighting the threat of waste, especially plastic, to marine ecosystems.

Accordingly, an activity was organized to clean Al-Khiran Beach, which witnessed a remarkable turnout from the employees.

She added, "We were able to remove the waste in less than two hours from the area, with a length of one and a half kilometers and a width of 500 square meters, where it was divided into parts, and the response was wonderful."





KIPIC
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KIPIC hosts KOC & KNPC Fire Teams

The Fire and Security Group hosted a delegation from KOC and KNPC Fire Teams as part of ongoing efforts to streamline efforts and optimize performance. The delegation made a site visit to all KIPIC fire stations to inspect the facilities.

For the second consecutive year

KIPIC launches marine safety awareness initiative on LNG project



The Kuwait Integrated Petroleum Industries Company (KIPIC) launched an initiative to raise awareness of marine safety around the site of the permanent facilities project to import liquefied natural gas for the second consecutive year, in order to enhance safety and marine safety and protect lives.

The initiative included launching an awareness video, in cooperation with the Kuwait Oil Company and the Ministry of Interior, represented by the Coast Guard sector, for the captains of marine excursions from boats and jet skis in order to invite them to maintain a safe distance from the site of the permanent units for importing LNG to avoid marine accidents and protect lives.

A successful drill at AL Zour refinery

The Kuwait Integrated Petroleum Industries Company (KIPIC), represented by the Security and Fire Group, in coordination with the Al-Zour Refinery Operations Group and the Contractor (TSHJ), conducted a successful drill evacuation in Al-Zour Refinery project, in order to determine the extent of the group's technical readiness in emergency situations, and to evaluate emergency plans and their development to become more Effectiveness in various cases, training employees to deal with emergencies, applying safety instructions and adhering to the established controls. The evacuation process was completed in record time.

In the details of the scenario, a hypothetical experiment for a gas leakage from the boilers in the amine gas unit (Unit 60), at first the accident was dealt with as simple and it was decided to inform the emergency unit, stop the activities and immediately evacuate the employees. And then work was done to stop the leak by informing the official in Unit (60) to reduce the flow of gas to the boilers, but we assumed that the accident was not controlled and the level of the accident was raised to the maximum, which required the evacuation of employees from the refinery, and the experiment also assumed that one of the operators suffocated to be transferred through Company ambulance to the clinic in Al-Zour.

It is worth noting that the evacuation process proceeded safely according to the drawn plans, which include that the responsible evacuation team in the refinery invite and urge the workers and workers in the refinery to go out to the assembly area known to all according to established maps.



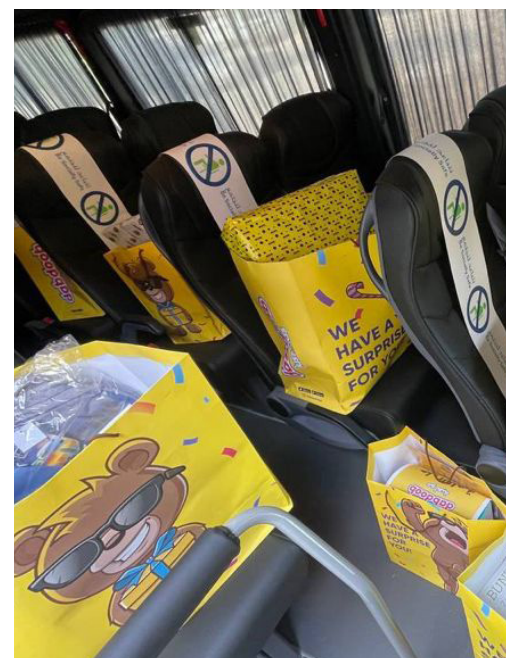
KIPIC launches Childhood Cancer Awareness Initiative



The Kuwait Integrated Petroleum Industries Company (KIPIC), represented by the Public Relations and Media Group, launched an initiative to raise awareness of "children's cancer" and lasted for 30 days in conjunction with the celebration of the month of September to raise awareness of children's cancer.

Manager, Public Relations and Media Group, Fayeze Al-Mazkour, said: "We decided to participate in the celebration of the Children's Cancer Awareness Month incorporation with National Bank of Kuwait Specialized Hospital for Children, by broadcasting awareness messages on social media about the role of cancer in stealing children's opportunity in normal childhood. And highlighting the physical and psychological effects of children during patients and how to overcome that". Al-Mazkour explained that the initiative includes cooperation with the Dabdoob application for gifts and toys for children to facilitate the donation process for KIPIC's employees by purchasing toys and delivering them to children with cancer in the hospital or to those who are referred through the application, which contributes positively to their mental health.

In addition to conducting a number of interviews with doctors working in the hospital and recovering children to shed light on this fierce disease and spread positive messages about how to overcome its consequences.



Under the patronage of the Acting CEO

KIPIC honors the winners of the CEO Award for Integrated Management System



The Kuwait Integrated Petroleum Industries Company (KIPIC) organized a ceremony to honor the winners of the first pioneering Integrated Management System (IMS) under the patronage and presence of the Acting CEO, Walid Al-Badr. The ceremony began with a brief review of the CEO Award for the Integrated Management System (IMS) presented by Dr. Shaima Abdel Mohsen, TL, Quality Assurance and Business Development, followed by the signing of the IMS document by the Acting CEO, Mr. Walid Al-Badr. The honorees were led by the DCEO of Petrochemicals and Liquefied Gas and A/ DCEO for Financial and Administrative Affairs Abdullah Fahad Al-Ajmi.

The competition aims to create a work environment that stimulates giving and creativity, while providing opportunities for workers to present initiatives and ideas that contribute to creating a successful work system.

The winners:

- **First place:** Eng. Ohoud Jamaan from the Health, Safety and Environment Group
- **Second place:** Eng. Gutti Prakash from the Corporate Planning Group
- **Third place:** Mr. Ahmed Behbehani, TL, Project Control from Major Petrochemical Projects Group
- **Fourth and last place:** Mr. Ajith Kumar from the Commercial Group

It is worth noting that the pioneering Integrated Management System (IMS) is a project that was launched last year under the auspices of the CEO, bypassing the exceptional circumstances we are going through as a result of the Corona pandemic, as the system aims to develop the policies, processes and procedures required in terms of planning and implementation to improve the performance of our business, which will reflect positively on Fulfilling the requirements of its clients. KIPIC efforts succeeded in obtaining global accreditation for the integrated management system.



Under the patronage of His Excellency

Sheikh Mohammed bin Khalifa Al Khalifa, Minister of Oil of Bahrain

A distinguished participation from KIPIC in the Professional Women Conference (LEWAS)



Wafaa Al-Othman



Maryam Al-Musallam



Faten Taqi



Noura Al-Saad



Latifa Al-Qallaf

Kuwait Integrated Petroleum Industries Company (KIPIC) participated in the activities of the virtual professional women's conference "LEWAS 2020", which was held during 27-29 October 2020 under the slogan "Resilience and Reimagining: Leading People through Change" under the sponsorship of His Excellency Sheikh Mohammed bin Khalifa Al Khalifa, Minister of Oil, Kingdom of Bahrain.

KIPIC, represented by a group of female workers, participated in this important event, which annually attracts the elite of interested people, engineers, specialists and CEOs of specialized local, regional and international companies with the aim of exchanging knowledge, experiences and high aspirations.

Women's Empowerment

The organizer of the virtual conference for professional women has chosen colleague Maryam Al-Musallam, Team Leader Personnel Admin, to lead the discussion panel on strengthening the work of institutions to achieve a qualitative leap in performance and create a work environment that celebrates diversity and provides greater job opportunities for women.

Engineer Wafaa Al-Othman, Team Leader Strategic Planning, participated in a special panel discussion within the activities of the Virtual Conference for Professional Women. Furthermore, KIPIC's Youth participated in the youth workshops organized by Bapco: Faten Taqi, Noura Al-Saad and Latifa Al-Qallaf.

KIPIC launches an initiative to introduce the company's projects to the residents and visitors of Al-Khairan area

The Kuwait Integrated Petroleum Industries Company (KIPIC) launched an initiative to introduce the company's projects to the visitors and residents of Al-Khairan area through a field visit in the area and to build bridges of direct communication between KIPIC's employees and the visitors of the region. The initiative also included the distribution of refreshments to broadcast positive and welcoming messages.



Eng. Ahmed Al-Majed

Supervising representation of KIPIC's employees in international forums

The employees of Kuwait Integrated Petroleum Industries Company (KIPIC) participate in many international events and conferences by presenting working papers to review the company's strategic projects and the most prominent achievements, which is considered an honorable tendency for the company. In KIPIC, we have a distinguished group of workers who work with passion to make more possible. Among the posts that we are proud of recently: The appointment of Eng. Ahmed Al-Majed, Team Leader of Process Engineering in the Technical Services Group for Al-Zour Refinery, assigned as Advisory Board committee member in BBTC MENA 2021 Residue upgrading & Catalyst Technologies Conference. Eng. Bader Kankooni from the Operations Group for the LNG project also participated in GPA's round table session. He highlighted Kuwait's LNG Value Chain at the virtual symposium of the Gas Manufacturers Association - GCC Chapter.

Al-Zour Refinery Operations Completes IMS Audit



To ensure continuous improvement in the performance of integrated petroleum business and activities, the Az-Zour Refinery Operations Group completed the audit process for the integrated management program (IMS), where the audit team conducted a process of evaluating compliance with legal legislation and associated requirements, and reviewed the performance of the system developed by the Operations Group, including results and performance indicators, and ensure their compliance with the requirements and requirements of the integrated management system. These guidelines and procedures will be a valuable source of information about the group's services, and a reference for current and newly joined workers on how to approach each task within each team.



Eng. Bader Kankooni

Success stories of our employees

Employees obtain internationally accredited certificates



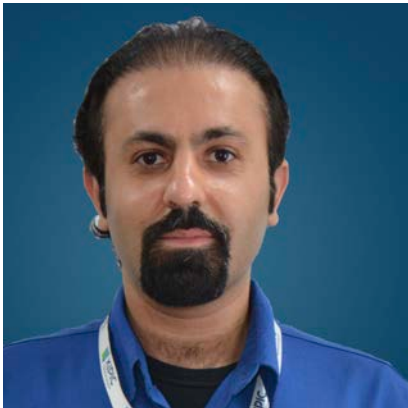
Ahmad Al-Basri



Omar Abdulaziz Al-Abouh



Ali Al-Shammari



Ahmad Hussain Al-Attar



Abdullah Jaafar Al-Jazzaf



Mousa Al-Haddad



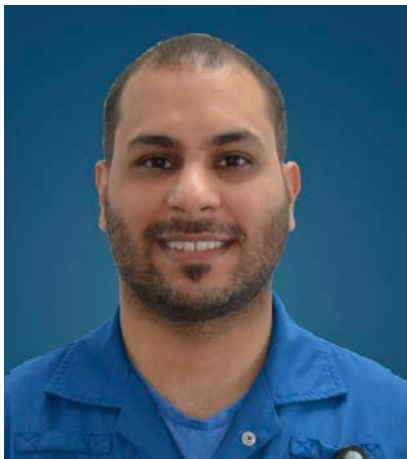
Nawaf Al-Khalidi



Ayyad Al-Hatlani

In an achievement that reflects the interest and keenness of our employees to achieve excellence, many of our employees have succeeded in obtaining accredited international certificates in the field of maintenance and reliability. This contributes to enhancing the image and reputation of the company and is beneficial to the performance of their business.

1	Ahmad Al-Basri , Sr. Engr. Reliability
2	Omar Abdulaziz Al-Abouh , Engr. Rotating Eqpt – LNGI
3	Ali Al-Shammari , Engr. Mech. Maint.
4	Ahmad Hussain Al-Attar , Engr. Mech. Maint.
5	Abdullah Jaafar Al-Jazzaf , Engr, Mech. Maint.
6	Mousa Al-Haddad , Sr. Engr. Machine Shop
7	Nawaf Al-Khalidi , Eng. Maintenance Planning
8	Ayyad Al-Hatlani , Engr. Maint. Planning
9	Essa Al-Qattan , Sr. Engr, Maint. Planning
10	Khaled Jaffar , Sr. Engineer Reliability



Essa Al-Qattan



Khaled Jaffar

أكتوبر شهر التوعية
بسرطان الثدي

October
Breast
Cancer
awareness month





Employees settled in their new offices

KIPIC opens a number of new buildings

Kuwait Integrated Petroleum Industries Company (KIPIC) announced the opening of a number of new administrative buildings in the Al-Zour Complex, as part of the completion of the construction plan, where Employees settled in their new offices to begin their work in a more stable atmosphere to be able to manage the projects of the Al-Zour Oil Complex. The buildings included: the maintenance building, the laboratory, and the main control building - Al-Zour refinery, in addition to the main control building - the liquefied gas project and the new fire stations

KIPIC succeeded in completing the buildings, despite the Corona pandemic, according to the specified schedule, thanks to the concerted efforts of the employees.

