



KIPIC
البترونية المتكاملة

Editor - in - Chief

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Signing Reliability Policy: A New Journey was Launched Towards Achieving Operational Excellence



CEO Launches New Journey

A new journey was launched towards achieving Operational Excellence by signing Reliability Policy of KIPIC Reliability Excellence Framework (K-REF), as the KIPIC witnessed the signing of the reliability policy by Top Management of KIPIC in what is known as the Operational Excellence Framework (K-REF).

K-REF is a first of its kind structured Asset Governance Model involving 24 various elements, developed in house by KIPIC Reliability Team to accomplish KIPIC Mission of operating the integrated complex in a reliable, efficient, safe and environmentally responsible manner for the entire life-cycle of our facilities. When implemented successfully and followed

at all level of organization K-REF will strive to achieve excellence in asset reliability and integrity by maintaining strict compliance to a solid foundation that includes optimized work processes, well-trained and engaged workforce, and sustainable world class business performance to ensure continuous growth in return on investment. KREF will help us understand issues which we can troubleshoot, find root causes that we can eliminate and identify Risks which we can manage. Implementing K-REF will ensure that we exceed Asset Availability while sustaining Operational Excellence as well as creating Healthy & Safe Work environment while building a Reliability Culture.

As part of K-REF, KIPIC Teams are actively collaborating to develop work-processes as well as implementing Asset Performance Management System (through GE Digital integrated software modules such as Root Cause Analysis, Asset Health Monitoring, Operator Driven Reliability, Management of Change, Life Cycle Cost Analysis, SIS Management, Integrity Management, etc.).

By issuing the Reliability Policy, Management has committed themselves and encouraged all towards implementation of this world-class Framework in KIPIC carving our core-belief of 'Making More Possible' and to achieve A Reputation for Excellence.



Deputy CEO - Al-Zour Refinery



Deputy CEO - Petrochemicals & LNGI
Acting Deputy CEO - Finance & Admin affairs

Formation of the Employee Engagement Committee in its New form Headed by the Manager of Human Resources and with the Membership of Representatives from various Groups



Our employees come at the top of our priorities, we understand their needs and respond to them, and support their health and well-being, in appreciation of their outstanding work and being present at the heart of our operations. Therefore, the Employee Engagement Committee was formed headed by the Manager of the Human Resources Group, Mrs. Hadeer Al-Husseini, with the membership of representatives from various groups. With the launch of its first meetings in the main administrative building in Olympia, Al-Husseini was keen to emphasis on the objectives entrusted to be implemented through the Committee, as it aims primarily to engage them and bring out the best in them, what is characterized by KIPIC of its unique work culture that bridges our dynamic teams. She mentioned there are some basic pillars of the Employee Engagement Program, including addressing all minorities,

celebrating diversity, providing many development programs such as rotation and reverse training, job Shadowing and on-job training, and granting distinguished orientation and counseling programs with the aim of creating a motivating and rewarding work environment. It is worth noting that Mentoring programs around the world have proven to be an effective way to transfer knowledge from one individual to another, because employees in the early stages of their careers are looking for mentors to better understand the company’s culture, and to help them build a positive career and professional life from the start that contribute to enhancing loyalty to the company also. There is no doubt that communication and the exchange of knowledge and experience add a new dimension to both the mentor and the trainee’s career.

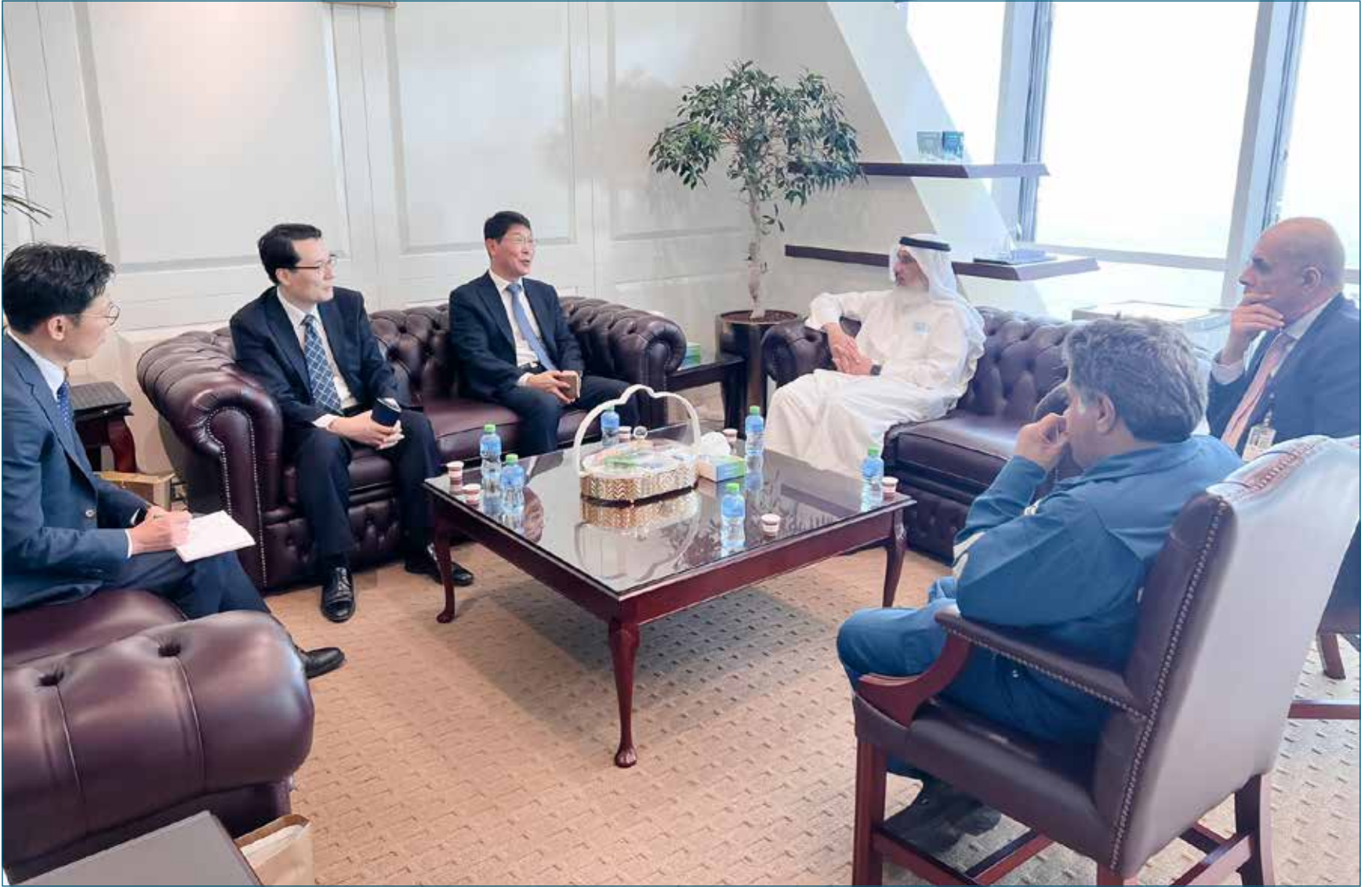
Main member

Name	Job Title	Membership
Hadeer Abdullah Al-Hussaini	Manager Human Resources	Committee Chairman
Nosaiba Alnassar	Team Leader Human Resources Studies	Deputy chairman
Sarah Al-Tharban	Team Leader Performance Management	Member
Shaikhah Meshari Altourah	Team Leader Media Relations	Member
Safia alayyar	Senior Officer Internal Communication	Member
Zainab Garashi	Senior Analyst Corporate Applications	Member
Danah Sulaiman Abdullah Alrashdan	Senior Analyst General Affairs	Member
Manal Ahmad Abdulqader Al-Rushaid	Team Leader External Communication	Member
Jaber Bandar Al-Sabah	Senior Officer Media Relations	Member
Mohammad Al-Ali	Sr. Analyst Job Evaluation	Member
Ghadeer Yousef	Senior Analyst Human Resources Studies	Coordinator

Alternate member

Yousef Alzanki	Senior Analyst Corporate Applications	Alternate member for Zainab Garashi
Rana Abdulkareem Al-Ghanim	Eng. Performance Management	Alternate member for Sarah Al-Tharban
Muneerah Hamad AlNekhlan	Senior Analyst General Affairs	Alternate member for Danah Alrashdan

The Acting CEO Welcomed the CEO of Hyundai



The Acting CEO, Mr. Walid Al-Bader welcomed the CEO of the Korean international company “Hyundai” and his accompanying delegation, in the presence of Mr. Abdullah Fahhad Al-Ajmi, DCEO of Petrochemicals and LNG and Acting DCEO for Finance and Administrative Affairs.

The meeting consisted of a review of the joint cooperation with “Hyundai” in the localization of advanced technology, and the latest developments in the construction and operation of permanent facilities for the import of liquefied natural gas.



**INTERNATIONAL
YOUTH DAY**

Preparations are in Full Swing for the Second International Youth Day

Under the umbrella of the Diversity and Inclusion and the patronage of the CEO of Kuwait Petroleum Corporation, sheikh. Nawaf Saud Al-Sabah, preparations for the Youth Day conference are in full swing, which falls on August 12, 2022. It will be held virtually on Thursday, August 11, 2022. It will be Prepared by young men and women representing all the oil sector companies, the conference will include many segments that aim to bridge the distances between the current leaders of the oil sector and the future youth leaders of the youth. Effective and responsible, to bridge the gap between generations and to enable Kuwaiti youth to take the lead in various fields.

Hosting a Delegation from the Global Marketing Sector at the Kuwait Petroleum Corporation



The Technical Services Group-Al Zour Refinery received a delegation from KPC's Global Marketing Sector. The delegation was welcome by Mr. Ali Al-Ajmi and his team and they visited Al-Zour Refinery and discussed opportunity to enhance the refinery's profitability by producing new specification products for international markets.

The launch of the Work of the Committee for the Establishment and Qualification of Lists of Contractors and Suppliers for the LNG Project

Operations LNGI Group held the inaugural meeting to launch the work of the Committee for the establishment and qualification of the list of contractors and suppliers for the LNGI facility , which was formed from the LNG Operations Group and the Commercial Group headed by the Manager of Operations LNGI Group, Mr. Muhammad Fahd Al-Otaibi, and the membership of the team leaders and members of the two groups. The committee aims to issue lists of contractors and suppliers specialized in the field of liquefied natural gas, by preparing lists of services and materials and verifying their technical suitability and economic feasibility to modify, accelerate and improve the accuracy of the procurement of materials contracts and services in this field.



New Catalytic Processes – KIPIC Atmospheric Residue De -Sulfurization Unit (ARDS) Challenges

Prepared by:



**Eng. Abdulrahman
M. Al-Ajmi**



Eng. Najd Alajmi

Ahead of the upcoming challenges of heavier and more foul crude, one issue constantly comes to mind of whoever must deal with crude residue. That one limitation has almost always been the primary reason of any shortening in life cycle of the unit and probably led to emergency actions and sometimes emergency shutdowns. Metal deposition on the catalyst will increase directly as the crude gets heavier and fouler. Atmospheric Residue De-Sulfurization Unit (ARDS) major limitation is the metal deposition rate on catalyst bores, and with that limitation

present, Fixed bed downflow reactor (guard chamber) cannot handle the estimated upcoming higher metal content in heavier crudes. As it struggles currently to handle the current crude residue metal content stream, which leads to catalyst poisoning and coke formation, thus channeling leading to uneven distribution of flow across the reactor which means unstable temperature profile and differential pressure drop. Now KIPIC going to take the path of residue treating with up-flow reactor Atmospheric

Residue De-Sulfurization Unit (ARDS) which comes with many promises and advantages that can be found in many refineries nowadays using this configuration and reporting their satisfaction. However, it is to be tested with the challenging crudes yet. This configuration could be a starting point for newer innovative solutions for our challenges in the future. Along with the target of enhancing Atmospheric Residue De-Sulfurization Unit (ARDS) Catalyst performance and life by using the most advanced catalysts from renowned global supplier.

