

Local

KIPIC to expand Al-Zour refinery with Honeywell technology

Complex to increase plant's output capacity of fuels, petrochemicals

KUWAIT: Honeywell announced yesterday that Kuwait Integrated Petroleum Industries Company (KIPIC) has awarded reconfiguration of the refining and petrochemical sections of its Al-Zour refinery to Honeywell UOP. The newly designed complex will increase the plant's output capacity of fuels and petrochemicals. Honeywell UOP, a leading licensor of refining and petrochemical process technology, will revise the configuration and capacity of the refinery's gasoline production facilities. The company will also supply technology licenses, design services, key equipment, and state-of-the-art catalysts and adsorbents to produce clean-burning fuels, paraxylene, propylene and other petrochemicals.



Rachad Abdallah



Kuwait's largest refinery, petrochem plant

"Honeywell is committed to supporting Kuwait's long-term growth and development in the energy sector, leveraging innovative technologies and advanced training programs to help achieve key objectives under New Kuwait Vision 2035 and KPC Vision 2040," said Rachad Abdallah, president for Honeywell in Kuwait, in a press release. "Our technologies are helping transform Kuwait into a world-leading manufacturer in the downstream oil and gas industry. In addition to aromatics and propylene, the Euro-V fuels will be produced at Al-Zour plant which is the cornerstone of Kuwait's clean fuels initiative."

When completed, this will be the largest integrated refinery and petrochemical plant ever constructed in Kuwait. The refinery's gasoline section will include a world-scale 98,000 barrels per day (bpd) RFCC complex for production of propylene, gasoline, and a UOP Selectfining unit to produce low-sulfur gasoline blending components. Two UOP Merox units will be used to treat mix C3's for

propylene production, and mixed C4's to make clean-fuels blending components, including MTBE from a UOP Ethermax unit. Also included 193 KMTA Butamer unit to convert normal butane to isobutane. The petrochemicals section includes an aromatics complex that will produce 1.4 million metric tons per year of paraxylene. It will use the latest generation LD Parex aromatics technology, including the Sulfolane, Isomar and Tatoray processes. The CCR Platforming unit and naphtha hydrotreater have been expanded to meet the needs of the larger gasoline and aromatics complexes. For over 50 years, Honeywell has a long history of supporting



KUWAIT: Expansion works at Al-Zour refinery. — KUNA



Kuwait's energy industries through leading-edge technologies, efficient business solutions, local training, research and development initiatives. Honeywell is the first company to build 'Made in Kuwait' solutions to power digital transformation across the country's growing oil, gas and petrochemical sectors. The company also operates the Honeywell Automation College in Mina Abdullah, which delivers global training capabilities locally through more than 300 courses specifically designed to address the requirements of

Kuwait's power and water, oil and gas, and automation industries. KIPIC is a new subsidiary of Kuwait Petroleum Corporation (KPC) set up by State of Kuwait to manage refinery, petrochemicals and LNG import operations in the Al-Zour complex, located south of Kuwait City.

Honeywell UOP is a leading international supplier and licensor of process technology, catalysts, adsorbents, equipment, and consulting services to the petroleum refining, petrochemical, and gas processing industries.

Honeywell UOP is part of Honeywell's Performance Materials and Technologies strategic business group, which also includes Honeywell Process Solutions, a pioneer in automation control, instrumentation and services for the oil and gas, refining, petrochemical, chemical and other industries. Honeywell is a Fortune 100 technology company that delivers industry specific solutions that include aerospace products and services; control technologies for buildings and industry; and performance materials globally. — KUNA

Plastic bags-free Kuwait, a noble cause

KUWAIT: It is no secret that plastic bags are hazardous to the environment, a fact heavily documented by scientists and environmentalists alike. Joining the global rally to rid the world from the dangerous material, a number of Kuwaiti officials expressed strong desire to create a plastic bags-free country via various steps and noble causes.



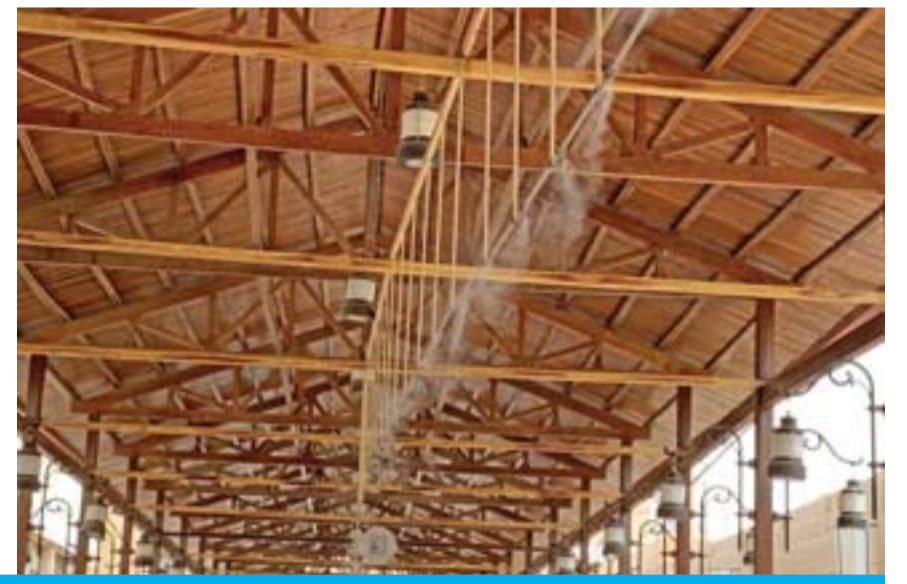
Speaking on this matter, Director General and chairman of the board of the Environment Public Authority (EPA) Sheikh Abdullah Al-Ahmad Al-Humoud Al-Sabah said that the authority was in support of decreasing dependency on plastic bags through the use of environment-friendly alternatives. The material which plastic bags are made from is hazardous for the ecosystem and also human beings, causing various negative effects, stated Sheikh Abdullah Al-Ahmad, who called on officials running cooperative societies and markets to seek substitutes for plastic bags. He affirmed that the EPA would continue to spread awareness on the subject on a multitude of platforms, saying that it was an obligation upon Kuwaitis to fight back against materials harmful to the environment.

In similar fashion, head of the Union of Consumer Cooperative Societies (UCCS) Mishaal Al-Sayer revealed that since 2011, a number of cooperative societies implemented measures to reduce usage of plastic bags, adding that 70 percent of such markets complied. A meeting for the federation was held to look into more venues to encourage the usage of environment-friendly bags. Sayer revealed, indicating that new measures will be enforced to rid Kuwait from plastic bags once and for all.

The EPA and several other entities are working to end the use of plastic bags by 2020. While it is a great step to protect the environment from the ill effects of plastic bags, the problem remains in the presence of a huge number of such material, making it quite a challenge especially with the known fact that the substance is very hard to decompose. It would be a long and hard fight to protect the environment from plastic bags and other hazardous materials, but it would be worthwhile knowing that future generations would be thankful for a clean and health planet. — KUNA



KUWAIT: Water sprinklers in Al-Mubarakiya Market. — KUNA photos



Sprinklers battle Kuwait's heat

KUWAIT: Water sprinklers can be noticed scattered around various outdoor locations in Kuwait as a measure to fend off the scorching summer heat. Whether at Kuwait International Airport, Al-Mubarakiya Market or elsewhere, the sprinklers are a welcome sight for those stuck outside or who try to enjoy the outdoors during extreme temperatures. — KUNA



Water sprinklers outside Kuwait International Airport.



KUWAIT: Kuwait Times continued its tours to check compliance with the ban on outdoor work between 11:00 am and 4:00 pm during the summer. Several violations were detected during tours yesterday in Shuwalkh between 11:00 am and 12:00 pm. The ban started on June 1st and ends on August 31st. — Photos by Ben Garcia

Patients' Fund celebrates 40 years of helping the poor

KUWAIT: Out of sheer empathy towards poor patients' financial and social ailments, alongside the physical pain, a group of Kuwaiti doctors had made it their mission to put a smile on the faces of those bed-ridden through the establishment of the Patients Helping Fund Society in 1979. "The Fund is a bright page in the books of Kuwait's charitable history: helping pauper and poor patients for the last 40 years: tens of thousands of them," said Dr Mohammad Al-Sharhan, the Fund's Board Chairman, in an interview on the occasion of the Fund's 40th inception anniversary. "More than 100,000 patients benefited from the Fund; which so far handed aid worth KD 90 million (\$297 million)," Dr Sharhan noted, pointing out that the Fund was the first of its kind in the Gulf region in providing quite expensive medication, especially for cancer, hepatitis and MS patients.

The Fund does not limit itself to helping Kuwaitis only, as there is a specialized sub-committee tasked with reviewing cases and medical files of residents with adequate paperwork, and determining whether they meet the Fund's help-providing criteria, he said. As for activities outside Kuwait, Dr Sharhan said the Fund's 'Foreign Committee' plays a pivotal role in showcasing Kuwait's humane and civilized facade through providing humani-



tarian/medical aid and urgent emergency assistance to the most vulnerable in the world. "Thus far, more than 35,000 cancer, heart and hepatitis patients were reached out for in many countries," he noted.

Through the 'eye camps' project, the Fund managed to treat; and even help, some 10,000 people regain partial or full vision, especially in the Basin of Africa's Niger, Chad, Djibouti, Sudan and Egypt, in addition to the dialysis project in Bangladesh, elaborated Dr Sharhan. Other medical-related projects and activities were also supported in Yemen, Somalia, Albania and Bosnia and Herzegovina. Lauding the Fund's Women's Committee, Dr Sharhan owed the establishment of such division to the great and vital value woman has within society. Established in 1984, the all-female staff headed by Khadija Abdulsamad, now supervises 17 children's clubs to aid poor patients and lend a helping hand to them regardless of nationality or belief. — KUNA