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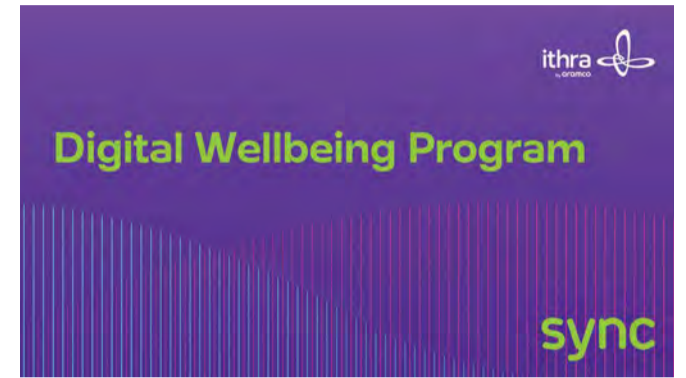


Technology shines at inaugural Downstream awards event

See page 6

Is your smartphone more valuable to you than your close friend?

See page 8



Technology and safety take center stage at Shaybah EMSR

See page 3

Fourth in a series

The Aramco hydrocarbon journey

Separation ...

Decades of greenhouse gas mitigation in our operational DNA

see pages 4 and 5



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Jumaan G. Al Zahrani and Wail A. Al Jaafari appointed executive directors



Jumaan G. Al Zahrani



Wail A. Al Jaafari

Jumaan G. Al Zahrani and Wail A. Al Jaafari have been appointed as executive directors.

Jumaan G. Al Zahrani appointed executive director of Northern Area Gas Operations

Jumaan G. Al Zahrani has been appointed as executive director of Northern Area Gas Operations, effective Sept. 1, 2021. He had previously been serving in the role of general manager since June 2017 after serving as manager of the Wasit Gas Plant since April 2016.

Prior to that, Al Zahrani had been manager of the Khursaniyah Gas Plant for nearly eight years, having been assigned the position in July 2007. He spent nearly two years previous to that assignment as the senior operations representative for the design development and construction of the Khursaniyah Gas plant.

Al Zahrani joined the company in 1980 as a trainee in the Industrial Training Center. After completing his academ-

ic study, he was awarded scholarship in 1986. Alzahrani earned a bachelor's degree in chemical engineering from the University of Louisiana at Lafayette in 1990, and returned to the Kingdom in June of that year. He joined the Berri Process Engineering Unit as process engineer before he was assigned as OOK operations representative for the BGP capacity expansion project. In 1995, he joined OSPAS for a one year developmental assignment.

In June 1996, Al Zahrani became foreman of oil and gas operations with the Liquid Recovery Unit in the Berri Gas Plant and then Operations shift superintendent. In 1998, he was assigned as out-of-Kingdom senior operations representative for the BGP deep ethane recovery project, which was the first of its kind in the company. Following his return to Saudi Arabia in 2001, Al Zahrani held various leadership positions in the Berri and Ju'aymah Gas Plants leading to superintendent of Gas Operations in 2005.

Al Zahrani has completed many leadership courses during his career with Saudi Aramco, including the University Executive Program at the London Busi-

ness School, the HR Partnership Program-Managers, and the Advanced Management Program.

Wail A. Al Jaafari appointed executive director of Southern Area Gas Operations

Wail A. Al Jaafari has been appointed as executive director of Southern Area Gas Operations, effective Sept. 1, 2021. He had previously been serving in the role as general manager from January 2019.

Previously, Al Jaafari served as the director of IPO Structuring from May 2017 to December 2018.

Prior to that, he was director of the Global Economic and Energy Analysis Department from September 2014 to May 2017, and director of the Portfolio Analysis and Decision Support Department from August 2013 to August 2014.

Al Jaafari joined the company in October 1993, after earning a B.S. degree in Mechanical Engineering at King Fahd University of Petroleum and Minerals the same year.

Al Jaafari began his career as an engineer, serving in the Specialty Engineering Unit of the 'Uthmaniyah Gas Plant (UGP). In UGP and until May 2005, he handled several functions, including maintenance engineer, supervisor for Area Maintenance, senior supervisor for Planning and Scheduling, senior supervisor of Area Maintenance and superintendent of the Engineering Division. In May 2005, Al Jaafari was assigned as an engineering specialist in the New Business Evaluation Department during which he led the Industrial Ventures Group.

In January 2006, he moved to the Hawiyah NGL Recovery Plant as se-

nior operations engineer responsible for commissioning, after which he was named superintendent for Hawiyah NGL Maintenance in July 2008.

In December 2008, Al Jaafari was assigned as head of Commissioning for the academic and research facilities in King Abdullah University of Science and Technology.

In October 2010, he was named senior planning/analysis consultant in Corporate Planning and acted as the department manager of the Long Range Planning Department leading Saudi Aramco's Business Plan until May 2012 when he departed to the USA to undertake the MIT Sloan Fellows Program.

Following Al Jaafari's return in 2013, he was assigned permanently as manager of the Portfolio Analysis and Decision Support Department. He also completed acting assignments as director for the Strategic Planning Department, director for the Kingdom Economic and Energy Analysis Department, manager of the Khursaniyah Gas Plant Department, general manager of Planning, Budgeting and Business Performance, and general manager of Procurement, before being named general manager for Southern Area Gas Operations.

Al Jaafari has completed a number of leadership courses since joining the company, including the President's Leadership Challenge, the Saudi Aramco Management Development Seminar, the Advanced Management Program, and an executive MBA via the MIT Sloan Fellows Program.

Al Jaafari sits on the Boards of the Johns Hopkins Aramco Healthcare Company (JHAH) and the National Industrial Training Institute (NITI).

Your voice



By Girish Ramachandran
Safaniya

Girish.Ramachandran@aramco.com

Are you prepared?

The technological transformation that we are witnessing around us today is going to change our pace of life in a drastic way. Hyperloop, driverless vehicles, 3-D printing, 5G, remote surgery, artificial intelligence (AI), and the Internet of Things, etc. — just to mention a few. People can't resist these revolutions anymore because of its common inherent unique characteristics such as speed, convenience, accuracy, cost-effectiveness, and expertise.

Although, there are negative outcomes too. The technological revolution is going to consume a substantial portion of currently available conventional jobs. Many who are currently employed and who aren't accustomed to emerging technology are going to see their jobs become redundant soon. The industry will prefer an officer with program knowledge, or an auditor with an AI application to detect errors in the account books.

Is our current education system relevant? Most students dislike mathematics

and English (non-English speaking students). However, students must attain expertise in mathematics and English from elementary school through higher education, together with various applications of computer knowledge, because English, calculations, and software will be everywhere. Then, and only then, can they take up the career challenges of tomorrow.

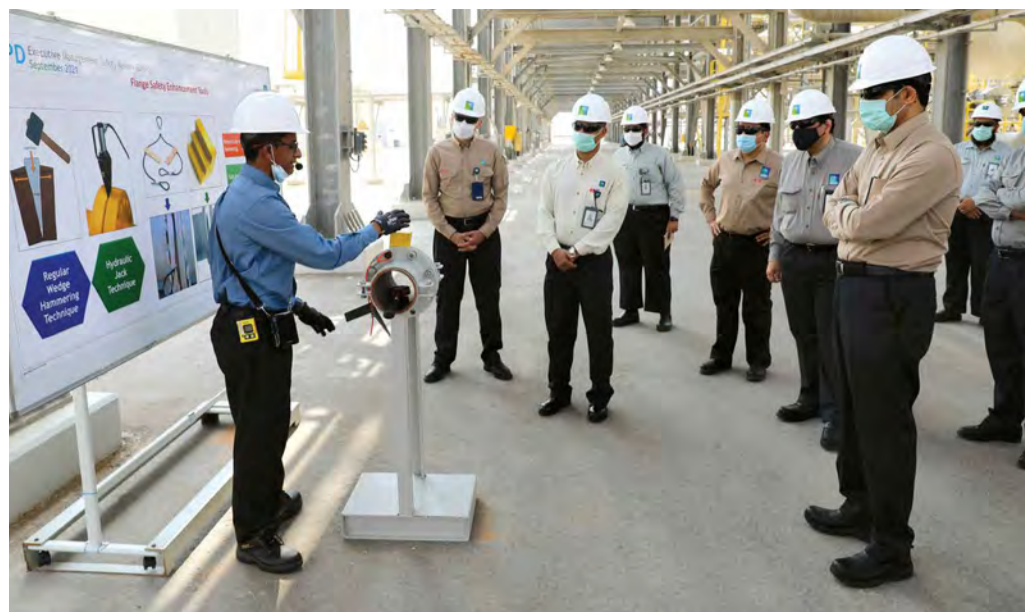
Centuries old premium Swiss watches are facing stiff competition with Smart watches these days, as watches, over the years, evolved from just a device for checking time to many other things, ranging from health to entertainment. If we are inflexible to changes, we will not have a prosperous future. Today's hi-tech gadgets are tomorrow's obsolete things.

The oil and gas industry is not immune to impending challenges posed by technology. We have to tackle multiple problems right from the production of petroleum products to its distribution to the

end user. The world is preparing fast to live with renewable energy. We recently heard that with storage space evaporating, the oil and gas industry will get to put its products back underground. Nobody can predict the future of the hydrocarbon business.

Multibillion dollar NEOM, a vision of new future, is all set to become a global role model for future sustainability and a functional example of how Saudi Arabia marches ahead of others.

Definitely, our livelihood is essential. Countries and governments should take care of less privileged people and their livelihood, too, as technology brings opportunities together with a set of challenges. This is the time we should be formulating policies and programs exclusively for people who are going to lose their jobs and children who are going to face new challenges in their lives. The most urgent question is, "How prepared are we?"



Nasir K. Al-Naimi, senior vice president of Upstream, and other members of management listen to a presentation during a tour of Shaybah Producing operations at the EMSR.



During the visit, the Shaybah Wildlife Sanctuary (SWS) newly constructed Visitor Center was officially inaugurated by the CEO. The purpose of this Visitor center is to host visitors and provide an inspirational venue to educate and inspire on the wonders of Arabian wildlife and also showcase the corporate environmental profile.

Shaybah Executive Management Safety Review: Mitigating risks in the Empty Quarter

By Michael Ives

Aramco president and CEO Amin Nasser traveled to the Shaybah area on Monday, Sept. 13, and was joined by other members of corporate and senior management for the monthly Executive Management Safety Review (EMSR). The tours included visits to the Shaybah NGL plants (SNGL), the Shaybah Producing Department (SyPD), Gas-Oil Separation Plant (GOSP)-2, and the Shaybah Security Project.

The tour also included an inauguration ceremony for the newly constructed Shaybah Wildlife Sanctuary Visitor Center.

The visiting team was presented with Shaybah Area's safety performance, where the operating departments, in addition to all support organizations, achieved commendable performance. All safety and environmental indicators presented showed significant improvement compared to previous years and corporate averages.

Mitigating maintenance risks

Visiting the SNGL plant, the opening safety moment, led by field compliance coordinator Zain O Omran, highlighted the enhancements made to Isolation, Blinding and Torqueing.

Next, process engineer Mohammed A. Rumaih presented SNGL's efforts to improve its environment protection program, and included steps to minimize greenhouse emissions, the deployment of circular economy principles to minimize generated waste, and the reclamation of hazardous chemicals.

The tour also heard a presentation highlighting SNGL's emergency preparedness. Abdullah M Arjani, OE&CG Group leader, showcased the changes deployed on the Firewater System to increase its capacity by 25% and an initiative to improve the Pre-Incident Planning.

Following the presentations, the CEO and accompanying management undertook a facility tour, which included a presentation by Mubarak Z. Alkhaldi

demonstrating SNGL's efforts to enhance the reliability of Hazard Gas Detection to improve overall Cogen safety and reliability and detector relocation from elevated locations to mitigate maintenance risks.

Additional presentations by Saud M. Alkabuli explained SNGL efforts to enhance electrical power network reliability and safety focusing on the GIS breaker modification and surge arrestor installation projects to protect the electrical equipment from any power interruption impact. It also includes the Layer-3 network upgrade project to enhance communication cybersecurity. Process Engineer Sultan A. Alankari also showed the performance enhancement of the Brazed Aluminum Heat Exchanger, improving the plant's efficiency.

Finally, Ahmad M. Seoud, engineering process supervisor, showcased the departments journey to safely install major equipment including Core-in-Kettle and Refracting Fin Fan Coolers.

Safety and environmental initiatives

Management also toured the GOSP-2 facilities and were presented with multiple safety and environmental initiatives. Maintenance machinist Abdullah Al-Abood presented on the Bearing Lock and Fin-Fan Shaft Safety Removal Tools. "Removing the lower bearing from the fin-fan coolers is one of the most challenging tasks that takes a minimum of six hours to complete with at least three

technicians working together using a crane and riggers to secure the shaft in place," he said.

"To overcome these challenges, we came up with the Bearing Lock Removal Tool, which was fabricated in-house and used to remove bearing lock sleeves safely. In addition, we also designed and fabricated a fin-fan shaft lifter tool," Al-Abood said.

Al-Abood highlighted that the new tool prevents hand crush and trap-in hazards, among other safety benefits, and the tool has been submitted as a patent and for "Best Practice" recognition.

On the second stop, Hisham Baman-sour, a field metal technician, presented on "Flange Safety Enhancement Tools" that were introduced to address the safety hazards that can emerge in the course of metal crews using either a wedge hammering technique or a hydraulic jack to deal with flange breakages. These hazards can include the risk of strike injuries from a flying wedge and crush injuries.

Bamansour said: "The SyPD Maintenance crew improvised a practical solution to wedge hammering by fabricating a wedge that includes tether lines. The tether lines can be connected to any fixed bolt and this will provide protection against wedge fly-out. In addition, we fabricated the Flange Safety Stopper tool that can be placed in the opening between the two flanges to prevent them from crushing. Like the Bearing Lock Re-

moval Tool, this tool has also been submitted as a patent and for Best Practice recognition."

Harnessing IR 4.0 technologies

In addition to tools that enhance safety, the SyPD also highlighted how they are harnessing the promise of IR 4.0 technologies to bring environmental benefits. Instrument technician Mousa Z. Alkhabbaz shared an initiative to enhance the effective utilization of 3-D printing technology. Used to print spare parts for obsolete critical safety equipment, the deployment of the technology is a testament to SyPD's journey to implement the department's IR 4.0 strategy.

The first of two products showcased was the Portable RTD Simulator/Diagnostic Tool.

"This new device can be used at the site without the need for any special tools, and can provide accurate readings that will help the crew troubleshoot the temperature sensing element which minimizes the downtime of critical equipment," said Alkhabbaz.

The second product showcased was the Vibration Sensor Cable Protection Sleeve, which offers environmental benefits. The new sleeve parts were 3D printed and successfully installed on the vibration sensor cable to prevent grounding of the vibration sensor and avoid trips of major pumps and compressors, preventing excessive gas flaring, improving plant reliability, and preserving the environment.

On the final stop, Haider A. Alrumaih, process engineer at GOSP-2 explained SyPD Environmental Protection initiatives where the department achieved major reduction in flaring through multiple initiatives implemented in-house that resulted in minimizing flaring by more than 20%.

Nasser thanked department personnel for their efforts being translated into an excellent safety record, and he highlighted the ongoing importance of safety across all business lines, particularly in the context of the many new industrial projects that lie ahead.



Zain O. Omran highlighted the enhancements made to Isolation, Blinding and Torqueing to the visiting EMSR delegation.

The Aramco hydrocarbon journey 4

Separation | Decades of greenhouse gas mitigation in our operational DNA



by Janet Pinheiro

Shaybah — A proverb counsels, “There are no short cuts to any place worth going.”

Every work shift, foreman Yasser Y. Hakami and his front-line colleagues diligently apply this wisdom to systematically care for one of the Shaybah oil field’s four gas-oil separation plants (GOSP).

Hakami says cutting corners is never an option for the smooth operation of a GOSP — the first stage of crude oil’s separation into gas, oil, and water.

“We have set monitoring routines, which we continually repeat to take care of the equipment, to keep our people safe, and to minimize our environmental footprint,” he explained.

“Our job is to be careful and meticulous so issues are caught and resolved early, before they could turn into a bigger problem.

“We stop fugitive greenhouse gases leaking into the environment because we inspect the equipment to catch them before they leak,” said Hakami, who has worked at Shaybah for 16 years.

Flowing production chains are cleaner

After crude oil is extracted from the wellhead it journeys through an underground trunk line pipe to a GOSP.

On this leg of a hydrocarbon’s jour-



Yasser Y. Hakami, checking gas compressor readings at a Shaybah GOSP, says taking care of the plant’s equipment is an important part of his life. “I will be sad if anything happens to the equipment,” said the foreman, who received his Aramco apprenticeship training in ‘Udhailiyah, Ras Tanura, and Tanajib.



Aramco’s GOSPs integrate real-time data into the production processes, and inside a Shaybah central control room, console operator Badr M. Almutairi and foreman Yasser Y. Hakami keep a finger on the plant’s pulse by assessing operational monitoring information received by the nerve center from the gas compressor.



Hydrogen sulfide (H₂S) is not a GHG, however, it is an invisible threat to life, so workers at Aramco operating facilities carry H₂S detection equipment, and sites are continually monitored for the presence of this gas.



Separation is when a gas-oil separation plant uses depressurization to perform the initial processing of crude oil, separating wellhead fluids into constituent vapor (gas) and liquid (oil and produced water).

or flows and pressures reduced or increased.

Maintaining critical paths

Aramco manages the world’s second largest crude oil reserves, and invests in the lowest carbon production to maintain its critical paths.

Inherent to oil and gas work are safety and environmental risks, and for GHG mitigation, a steady heartbeat for the crude oil production chain is best.

The company’s apprenticeship program prepares its operators for the production forefront, and GOSP teams

are trained specialists in production separation.

Their passion is following procedures — procedures which protect the environment from traveling to place where no one wants it to go.

ney, keeping the crude oil running smoothly, and safeguarding against leaks of invisible gas, are key greenhouse gas (GHG) mitigation measures.

Sources of equipment leaks include valves and seals for pumps, connectors such as flanges and fittings used to join piping and process equipment, seals on compressors, and valves for pressure relief devices.

The wet crude’s first stop at the steel forest is a three-phase separator, known as a “high-pressure production trap,” where gravity separates the oil from the gas and water. While the off-gas goes to the gas gathering system,

the oil goes for further water and salt removal, before the treated crude is sent to a stabilization plant for further processing.

Human and digital eyes checking

Working in tandem with technology makes for a lower carbon, more efficient, and safer operation.

Technology and humans connect to maintain the 24/7 operational hum of a GOSP.

At the start of Hakami’s 12-hour GOSP shift, he completes a checklist

of the pipes, vessels, pumps, compressors, and other equipment.

It’s a rigorous process, seeing him methodically record many gauge readings. In four hours, he repeats the process — and, after the following four hours, he does it again.

Meanwhile, giving Hakami a helping hand are numerous sensors tirelessly feeding a multitude of electronic readings into the plant’s digital heart, the central control room. Inside the nerve center, data readings are used to monitor, predict and diagnose. With just the touch of a button, equipment can be stopped, started,

Shaybah NGL EOR



Shaybah NGL was commissioned in 2015.

At Shaybah, gas from the wet crude — associated gas — is sent by the gas compressor to the nearby Shaybah natural gas liquid recovery plant.

The plant recovers high-value natural gas liquids, such as propane, butane and ethane, which it pipes to

Ju’aymah and Yanbu’.

To further reduce emissions, the leftover gas — hydrogen sulfide and carbon dioxide — is recompressed, and reinjected into the Shaybah reservoir for enhanced oil recovery (EOR).

Crude oil extracted from oil wells is under pressure, and expertly managing the valves controlling this pressure is an important part of mitigating GHG emissions associated with the extraction, production, and transportation of oil and gas products.

Shaybah oil field

Shaybah is located on the northern edge of the largest uninterrupted desert expanse in the world, and is one of the world’s largest oil fields.

From four GOSPs, a gas compression plant, power generation plants, and water desalination facilities, the facility produces highly valued sweet Arabian Light, and Extra Light oils, which are virtually sulfur-free, and high in their gasoline fraction.

Mesmerizing mountainous reddish-brown sand dunes constantly move in its unforgiving arid climate, where temperatures reach 50 degrees Celsius in summer, and fall to near freezing in winter.



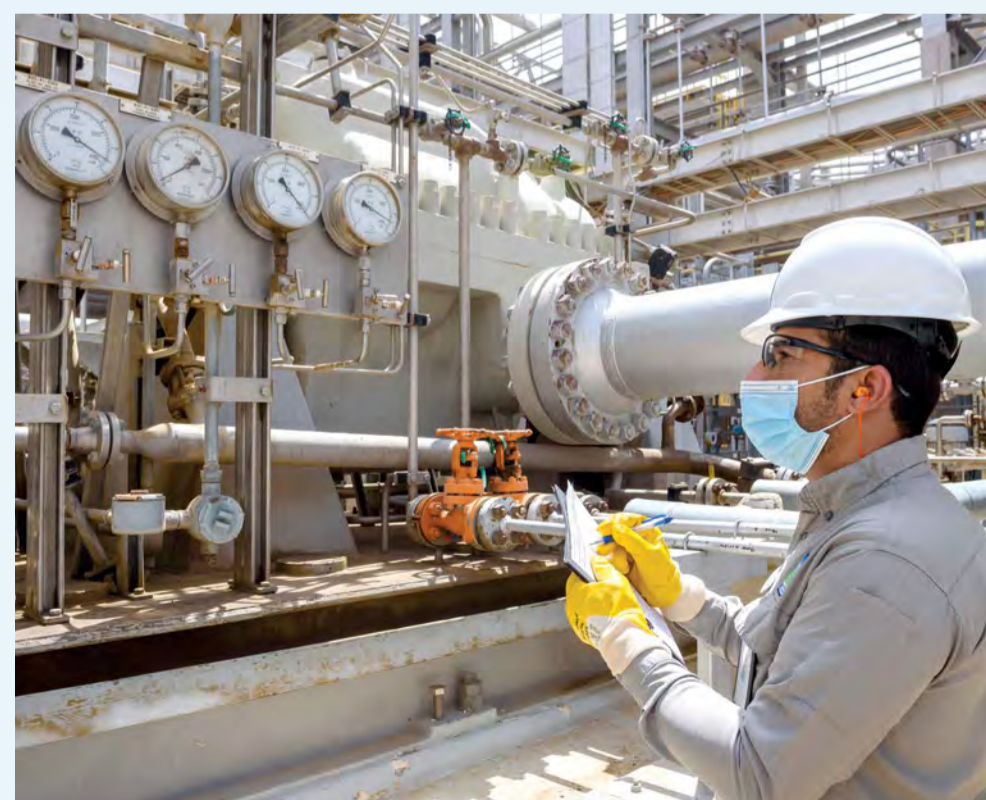
Moving treated crude

Oil pumps at the Shaybah GOSPs move treated crude into a 645-km northern pipeline, where it travels by the force of gravity to the world’s largest crude oil stabilization facility, Abqaiq.

Foreman Yasser Y. Hakami describes his role as providing unity to the GOSP, “I look out for everything, for employees, the gas detection system, the integrity of the plant equipment, and the safety equipment.”

Thanks to the company’s pipeline detection equipment, he has never had to work with a pipeline crack.

“A leakage of crude is bad for the environment and the worker,” said Hakami. “But, if there was a leak, our instant safety shutdown system stops damage to the environment.”



Technology shines at inaugural Downstream awards event

By Michael Ives

Senior vice president of Downstream Mohammed Y. Al Qahtani hosted Downstream's inaugural Technology and Digital Excellence Award last week, to celebrate achievements across the business line. The event, held at the Technical Exchange Center, Dhahran, was attended in person and virtually by employees in the Kingdom and at Downstream affiliates in China and South Korea.

Two objectives

In his opening remarks, Al Qahtani emphasized that the ceremony had a two-fold objective, stating, "We have come together to shine a spotlight on the excellence happening in our organization, and to celebrate our journey toward becoming one of the world's most digitalized companies. More than this, however – and far beyond the teams we honor today – I want these awards to be a catalyst for bold new thinking."

Continuing, Al Qahtani stressed that the capabilities needed to realize such accomplishments are rooted in education. "I have often said that one of the things I enjoy most about working with universities such as KAUST or KFUPM, or technology ecosystems like the Dhahran Techno Valley, is seeing how innovation grows in the spaces between traditional disciplines – when fields overlap and connections are made," he said.

"This is where the Fourth Industrial Revolution is taking place."

The event was timely. After adopting a new operating model earlier this year, the organization launched a business line-wide Transformation Program of its global asset portfolio which is expected to last for another one to two years. When completed, the program will have delivered technical, structural, organizational, and operational improvements across the board.

A powerful transformation

"In so many ways, this Downstream organization is at the very epicenter of a powerful transformation," said Al Qahtani.

"...the Downstream organization is pushing the boundaries of what is possible...redefining the opportunities...and playing a crucial role in the future, not only of Saudi Aramco, but the future of the Kingdom."

Al Qahtani went on to observe that the challenge for Downstream is to see and recognize the opportunities that can come from connections across different technologies and business lines, whether, for example, it be between advanced analytics and maintenance, or between robotics and back office operations.



"Our awards today recognize teams who have seen such opportunities...and by highlighting their achievements, we invite everyone, across the entire organization to ask how we can accelerate technology deployment, improve business competitiveness and continue to accelerate new avenues of opportunity," Al Qahtani said.

A total of 46 employees representing all admin areas were recognized for the following team initiatives:

Global Manufacturing and Fuels & Lubricants
Smart Dewatering – Riyadh Refinery Department

Built on smart sensors, smart dewatering is an advanced version of Saudi Aramco's Sound Velocity Dewatering System, which reduces hydrocarbon losses and improves the quality of crude oil.

Awardees: Abdulrahman A. Fadhel, Fawaz Al Hadlaq, Omar Al Zayed, Fawaz Al Sahar

Diesel Quality Enhancement – Ras Tanura Refinery Department

By enhancing its diesel dewatering capability, the Ras Tanura Refinery prevented degradation of jet fuel quality, eliminated truck hauling demand the Dhahran and North Riyadh bulk plants, and increased service life from three days to 180 days.

Awardees: Yousif Al Ali, Ibrahim B. Althaali, Amani S. Al Dhurais, Mohammed I. Ismael, Shyam N. Babu

Cyclemax Catalyst Formulation – Yanbu' Refinery Department

The cyclemax catalyst technology regenerates spent catalysts and recycles them back to platformer reactors in order to increase throughput at the Yanbu' Refinery's diesel hydrotreater unit.

Awardees: Abdulatif S. Alshami, Abdullah S. Harbi, Majed A. Mozaini, Fares M.

Al Rowaili, Naif Harbi, Raad B. Mulla

HSFCC Downflow Reactor – S-OIL Company, South Korea

The S-OIL team installed innovated internals during the first turnaround and inspection of 2020 for the first commercial (76 MBD) HSFCC unit worldwide (developed through a decades long collaboration between Aramco, KFUPM, JX, Axens and TechnipFMC). The initiative, which increased unit conversion and propylene yield, significantly improved the company's annual profits.

Awardees: Hussain Al Qahtani, Lee Hyek-Jin, Jeon Hak-Jun, Kim Dong-Woon

Pipelines, Distribution & Terminals
Pipelines Management Center – Northern Area Pipeline Department and Project & Technical Support Department

Through this highly integrated and centralized monitoring center, PD&T is able to ascertain operational parameters of pipelines throughout the Kingdom. This capability will enhance the efficiency, safety, and reliability of the Company's vast pipeline network.

Awardees: Khalid Alghamdi, Walid Kulaibi, Hateem A. Ghamdi, Rami S. Khaldi, Abdullah H. Tuwaijri

MENA Wastewater Treatment – Eastern Region Terminal Department

The MENA technology treats evaporation pond water for discharge to the marine environment. This technology and process improves the availability of crude tank water disposal facilities and reduces environmental impact.

Awardees: Abdulmohsen S. Rabeeah, Justin M. Shewchuk

Power Systems
Monitoring and Diagnostic Center (iPower) – Power Systems Engineering Department

The Diagnostic Center is home to advanced AI solutions and focuses on the

digitalization of assets, operations, and processes. It has already succeeded in improving plant efficiency at Manifa and Yanbu', photo voltaic power generation at Abqaiq, and has prevented unplanned unit outages at Wasit and Yanbu'.

Awardees: Jubran A. Refaee, Husain BinAli, Fowzan Al Fowzan, Sorin Capet, Wayer Oweedah, Thamer Bahmaid

Marketing, Sales & Supply Planning
Automatic Pipe Dimension Measurement System – Aramco Asia

Performing a full range of dimensional measurements with 3D laser sensors, this robotic inspection technology generates quantitative records with precise data and eliminates risk of site reworks and manufactured pipe recalls.

Awardees: Mushabab Al Qahtani, Mohammed W. Al Qahtani, Yasser Al Subhi, Hani Al Baba, Rashid Al Hajri, Pradipta Paul

Chemicals
Advanced Visual Analytics for Chemicals Trading – Aramco Chemicals Company

The use of big data analytics has brought valuable insights in chemicals trading, which is improving forecasting in price and demand.

Awardees: Fouad A. Rammah, Abdulrahman Al Amer, Laith Al Shebel

Aramco Trading Company
Fanar Scheduling Optimization – Aramco Trading Company

Built on the MAANA platform, this enterprise-class intelligent application leverages big data analytics to optimize ship scheduling. With this advanced knowledge platform, ATC has already reduced its schedule planning time by 80% while maintaining world-class reliability. MAANA is an AI platform that Saudi Aramco Energy Ventures (SAEV) has invested in.

Awardees: Fahad Al Fallaj, Awad Al Anezi, Sultan Al Sultan, Suliman Al Zahrani, and Ahmed Al Jafari

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أرامكو السعودية
saudi aramco

YLAB gearing up for eighth cohort

Young Leaders Advisory Board (YLAB)

YLAB | Who We Are

Preparing the Company for the youth, and preparing the youth for the Company.

About Us

A youth body established in 2011, with a direct line to the Strategy Council

≤35 years old | 7 cohorts

16 members | 18-month terms



Our Goals

Youth Empowerment

Equip the youth with the tools to give voice to their insights.

Youth Inclusion

Include the youth in the Company's strategic challenges and opportunities.

Two-Way Dialog

Foster a dialog between the youth and corporate management.

How can you contribute?

Individuals

Drive Change

Elevate Acumen

Youth-Initiated Studies

Knowledge Bites

Make an Impact

Show Your Skills

Youth Voice

Youth Quarterly

Think Differently

Engage in Dialog

Youth Innovation Ideas

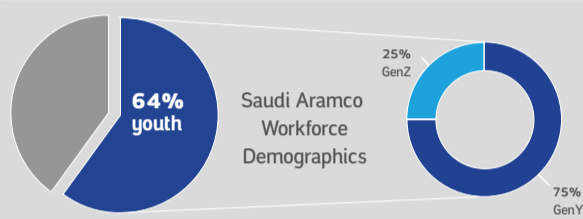
YLAB Cafe and Events

Organizations

Since its inception, YLAB has put forward the insights of the youth and supported it in tackling strategic challenges with an innovative and youthful touch, and with the goal of supporting you to achieve your aspirations. We assumed active roles in transforming the Company across various dimensions, including the below themes:

- Sustainability
- Wellbeing
- Future of Work
- Diversity and Inclusion
- Citizenship
- HR Transformation
- Mobility
- Portfolio Diversification

Who are the Youth of Saudi Aramco?



Millennials (GenY)

Born between 1980 and 1994
Globalists, Oriented to self

Generation Z (GenZ)

Born between 1995 and 2010
Dialoguers, realistic

by Dalia Darweesh

Established in 2011, the Young Leaders Advisory Board (YLAB) has set out on a journey to empower, engage, and inspire the youth in Aramco, and to create a link and two-way communication between Generations Y and Z in the

Company and senior management.

Engaging Opportunities

Unlock your potential — become a part of YLAB

Do you want to feel empowered by taking ownership of your success, and

contributing to the success of your company?

Take on the challenge of influencing and implementing positive changes within your organizations and across the Company, and working on innovative ideas that can lead

to significant changes.

Apply to YLAB's 8th cohort, shape the next decade, and become an inspiring part of the change.

To apply visit the company home intranet page.

Memory Lane: From exploring to the Rub' al-Khali to record enrollments to a great run in the World Series

In the early days of Aramco, the turning of weather in September meant time to get to exploring, and in 1951, company employees took on one of their most daring journeys. Here are some of the headlines over the past 70 years at Aramco.

Sept. 5, 1951

Field parties head south
Exploration units on nine-month gambol to Rub' al-Khali



A three-team Exploration unit left Dhahran in successive stages Sunday and Monday for the sand dunes and gravel plains of the Rub' al-Khali, the "Empty Quarter" of Saudi Arabia.

Sept. 13, 1961

13th Aramco-build School accepted by government

The thirteenth Aramco-built school, and the second intermediate school, in the Eastern Province was officially accepted by Shaikh 'Abd al-'Aziz al-Turki, director of Education for the Eastern Province, at an opening ceremony held



Sept. 11 at the school in Hofuf.

The program of building schools was founded as part of a joint agreement between the Saudi Government and Aramco signed in February 1953.

Sept. 8, 1971

Freshman arrive as CPM opens new academic year



This past Monday, Sept. 6, marked the launching of college careers for a freshman class of some 200 strong as the fall term opened at the College of Petroleum and Minerals at Dhahran.

Sept. 10, 1986

RT Refinery's high performance earns U.S. Safety Council's Award of Honor



Aramco president Ali I. Naimi, at a luncheon held in Ras Tanura Sept. 3, presented to Saad R. Shaifan, general manager of Ras Tanura Refinery, a plaque awarded by the U.S. National Safety Council honoring the Ras Tanura Refinery with the Council's highest award for safety and health performance, the Award of Honor.

Among all Aramco organizations working toward high corporate safety performance, the Ras Tanura Refin-

ery marked up 9,848,629 — almost 10 million — IDI-free man-hours between September 1983 and October 1985. IDI frequency refers to "Industrial Disabling Injuries" per 200,000 Man-Hours Worked.

Sept. 13, 2006

Little Leaguers return after series wins



The Arabian American Little League (AAAL) team has returned to Dhahran after making its best Little League Baseball World Series showing since the tournament expanded to a 16-team format in 2001.

It was the team's seventh straight appearance in the Little League showcase, and after failing to do so since 1994, AALL advanced out of pool play to reach the international semi-finals.

Is your smartphone more valuable to you than your close friend?



The King Abdulaziz Center for World Culture (Ithra) is launching a new flagship digital well-being program to promote the balanced use of technology to improve users' mental and physical condition and provide an international leadership vision for the new post-pandemic digital world. Ithra will hold a global digital well-being summit on Dec. 7, 2021, with international industry partners as well as leading authorities on the subject.

The new program, Sync, includes a digital platform and a variety of programs and seminars as part of the efforts that Ithra continuously makes to empower and accelerate creativity through using modern technology. The Center has previously launched its Creative Solutions program, with the goal to be a pioneer in positive interaction with technology to provide a creative and innovative process where technology and applications today play a positive role in people's lives.

As technology and applications play an important role in the fields of art, culture, economic, and society, they contribute to the quality of life and play a huge role in people's lives. Ithra has therefore established this milestone initiative to study the digital world and its impact on people's lives. This step will be effective in raising awareness on how to use technology in a balanced and purposeful way; the users will benefit from the world of the internet, and it will reduce the damage it causes, such as disrupted sleep.

Research, carried out for Ithra by ASDA'A tells us that the overuse of technology has become a concern, both at the regional and international level. According to research:

- **Of the Gen Z respondents** — people born between 1995 and 2012 — 40% have misled their friends and family about their internet usage.
- **The public in South Asia, the Middle East, and Gen Z** are the most likely to spend more time online than they actually want to.



In a panel discussion, Mohammed Al Hajji spoke about the impacts of Internet and social media, including weakened memory caused by complete reliance on searching tools.

professor of social psychology at King Saud University.

The "Sync" program director, Abdullah Al-Rashid, said: "Technology plays a vital role in society, but we have reached an inflection point. To safeguard user welfare today and in the future, we must understand the issues. Our research proves that over reliance on the internet and social media is damaging the well-being for more than half of humanity. As an organization dedicated to making a tangible and positive impact on human development, Ithra is committed to being part of the solution.

"The challenge for all of us is learning to harness the technology and make it work for us. It is tremendously useful to have access to libraries of books and insightful talks through small portable devices. But we risk being so tied to screens and devices that we put our health in danger and risk missing the world go by. Digital technology is a good servant, but it is a hard master."

He added: "There are no simple or easy answers. We saw the usefulness of digital tools to provide education, information, and culture during the pandemic lockdown. Nevertheless, there is something clearly unhealthy about the damaging impact of cyberbullying and the relentless striving for 'likes' on people's mental well-being."

For more information on Ithra and its programs, visit www.ithra.com.

