

the arabian sun

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a weekly Saudi Aramco publication for employees

CERA conversations

Aramco president and CEO Amin Nasser takes part in an online conversation with renowned energy thinker and writer, Dan Yergin, discussing a wide range of issues.

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CERAWEEK
by IHS Markit



aramco and Formula 1

Employee League brings the thrill of the sport one-step closer

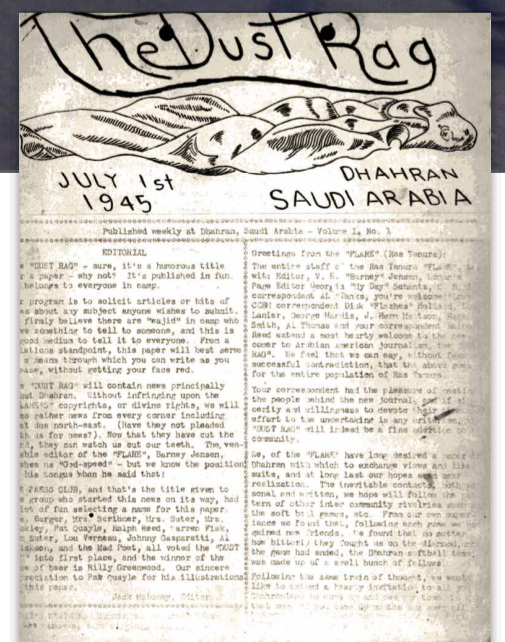
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With the launching of the Aramco Formula 1 Employee League, Aramcons can now have a front seat experience of the world's fastest sport, choosing a team of drivers and competing with their colleagues during the Formula 1 season. Aramco is a major sponsor of Formula 1.



The Arabian Sun celebrates its 75th anniversary of bringing you company and community news

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AramcoWorld rolls out new mobile app for digital audience

AramcoWorld has launched its third-generation mobile app as part of the magazine's mission to bring its stories of global interconnections even closer to the readers' fingertips. The award-winning app is another tool in *AramcoWorld*'s digital ecosystem that is helping grow its online audience.

"As we all increasingly access media from our phones, we are offering dynamic and enjoyable mobile experiences," says *AramcoWorld* editor Richard Doughty. "This allows people to spend more time with our stories and content, and people can form impressions about a publication very quickly based on mobile experiences."

Especially useful in a time when education is more than ever a digital experience, the app offers

a quick link to the magazine's Classroom Guide, its teaching supplement. Users can also scroll through and watch dozens of *AramcoWorld* videos, and read current features.

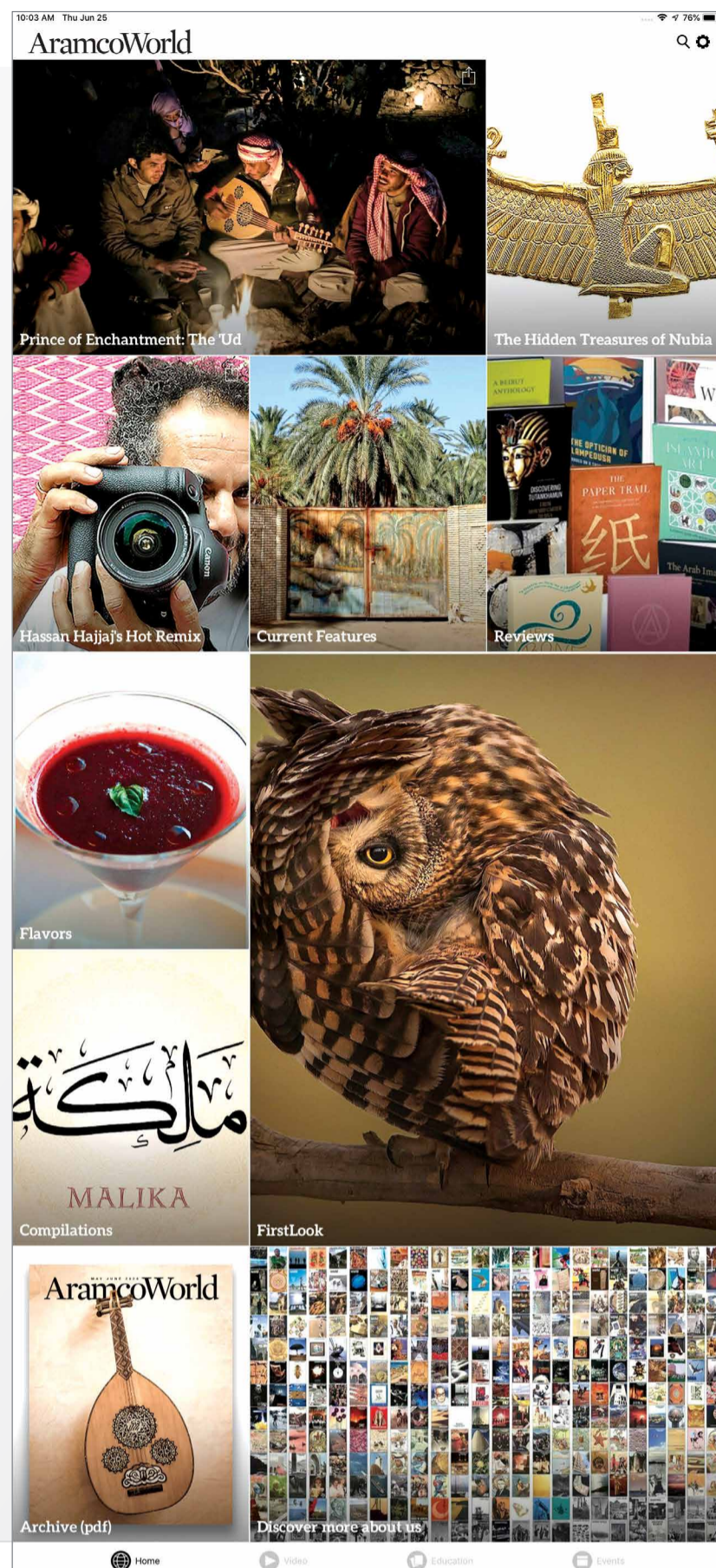
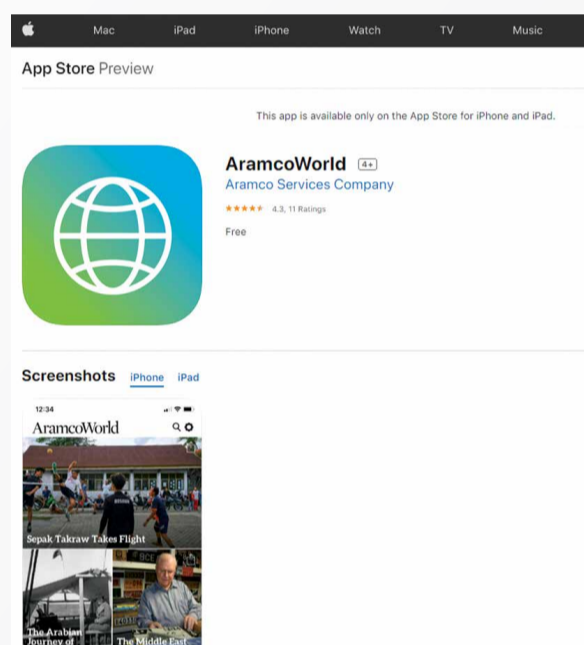
"We know our audience and we know that to build loyalty you need to meet readers where they are at," says Johnny Hanson, *AramcoWorld* digital media editor. "The experience for users is fun. The app is something they enjoy using, coming back to and sharing content from."

AramcoWorld's first version of the app was launched in 2015. As Doughty explains, it was aimed primarily at tablet users. "We didn't want to replicate the print magazine. Every story was redesigned for the tablet, with big photos in horizontal format, multiple layers of text, all reflecting where top magazines thought their apps were going. Then a couple years later along came the bigger phones with higher resolution screens that we now take for granted, so we rethought it not once, but through two versions actually."

Though the current pandemic has shuttered many events, the app provides users with the up-to-date event information — both physical exhibits and virtual ones — as well as book reviews, recipes in its "Flavors" section, and a quick link to 60 years of back issues.

"We are highlighting departments such as our 'Flavors' section, among others, on the app," says Hanson. "Because it's so much easier to work with a recipe from your phone than going back and forth to your computer."

The newest version of the *AramcoWorld* App can be found at the Apple App Store and on Google Play. The updated version will soon be available on Amazon.



your voice

Overcome the challenges!



by Ahmad Mushahid

Have you ever wondered if you are living life to the fullest? Well, I can tell you that if you have no idea what I'm saying, then you probably aren't. Living life to the fullest means appreciating what life has to offer. You have to overcome your fears, take risks, and be ready to take on challenges that may otherwise seem impossible. Let me explain my philosophy with a personal experience.

Last summer I was on vacation with my family in Dubai, and I am standing in front of a gigantic structure of a rollercoaster — (Formula 1) in Ferrari World. 'Awesome!' was my first expression, which then quickly evolved into a shiver down my spine. "How would I ever even dream to go on this ride?"

mustering courage

Even though my experience with a similar ride encouraged me to do this impossible challenge, I still had to convince myself (and my father) to go on Formula 1, and at times, I felt brave

about it. However, when I got into the queue, I grew more and more uneasy about it. It got to the point that I mustered up my courage and said to my father, "Can I go on this ride later, maybe next year?" My dad asked me if I was a "chicken" and at that moment, I became very interested in the barrier to the ride.

When we finally got to the front of the line, I felt like someone had planted a whole butterfly farm in my stomach! The coaster was humongous! It could fit over 30 people and it was in shining red to match a real Ferrari! It slowly went outside the terminal, stopped, and then came the sound of the rope winding it back, and with terror all around my face, the rope let go! ZZZZOOOOOMMMM! The butterflies in my stomach now seemed to be rehearsing a circus.

leaping for joy

A couple of seconds passed by and my heart was leaping in joy of going this fast for the first time in my life! I was

so excited I screamed in joy on the top of my lungs. It was an amazing experience! I kept on bouncing in my seat and just enjoyed every moment of the ride! The coaster was looping, swinging, and turning in every way you could think of!

Those 20 minutes of my life (before, during, and after the ride) will always stay with me no matter how long I live, as they taught me the lifelong lessons of how to overcome my fears, to do the things that may seem impossible, and enjoy myself while doing it.

Life is like a roller coaster ride, and I apply that lesson every day. I enjoy any challenge that my teachers, my parents, my friends, and my siblings throw at me. Whether it is solving a math problem, riding a bike for the first time, mastering a new sport, learning a culinary skill or adjusting to a new way of life with COVID-19, I always remember my feelings at the roller coaster ride.

It gives me the courage to take the challenges head-on that life throws at me, and enjoy each one.

Your Voice reflects the thoughts and opinions of the writer, and not necessarily those of the publication.

CERAWEEK Conversation

CEO sees ability to emerge stronger from recent challenges as blueprint for Aramco's leading role in the energy transition

CERAWEEK
by IHS Markit

Saudi Arabia — Emerging stronger from a succession of challenges in the past 12 months has hammered home the importance of excellence, strong balance sheets, and resilience — backed by world-class technology and an exceptional team of talent.

This was the overall message from Saudi Aramco president and CEO Amin Nasser during a virtual “CERAWEEK Conversation” with renowned energy thinker and writer, Dan Yergin.

Sharing his thoughts with an international audience from his office in Dhahran headquarters (and afterwards with our reporter), Nasser began by reflecting on Saudi Aramco's response to various challenges such as last year's drone attacks on company facilities, the SABIC deal, and the ongoing COVID-19 pandemic — all as a newly listed company.

Abqaiq and Khurais attacks

Looking back to last year's attacks on Abqaiq and Khurais, Nasser credited comprehensive and well-rehearsed business continuity planning, but also swiftly pointed to the company's people, describing them as trained, experienced, and knowing what was needed during a crisis.

He also pointed to the success of iktva in delivering a world-class local supply chain with optimum inventory levels as a key factor in the recovery, the speed of which both surprised and reassured the world.

“We had all the needed spare parts and equipment to turn the facilities back on in days instead of months — successfully, and reliably,” said Nasser.

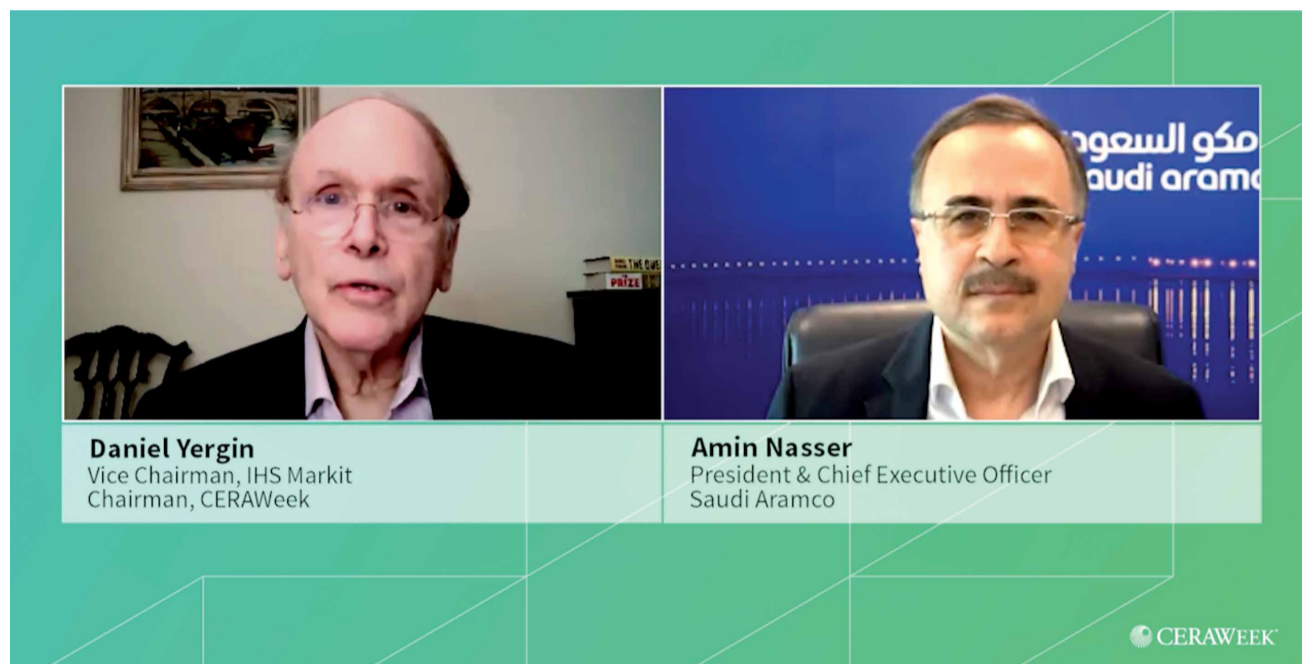
This has helped once more during this year's global pandemic when many of Saudi Aramco's overseas plants, factories, and suppliers closed due to the lockdown.

“We are seeing, because of either the critical nature of the incident that we had in Abqaiq and Khurais, or the lockdown that happened in the different countries, having it closer to the end user is very important these days.”

Aramco as a listed company in a COVID-19 world

Yergin asked how life has been so far as a listed company, and Nasser expressed satisfaction with how the company has performed, particularly given the challenging operating environment, which has been dominated by the effects of the COVID-19 global pandemic.

In terms of the company's response to the pandemic, Nasser said that Aramco



During the conversation, Nasser and Yergin discussed several issues, including the COVID-19 impact on the energy business.

had a head start because of the lessons learned from the 2012 Middle East Respiratory Syndrome (MERS) epidemic.

He noted Aramco's 2013 joint venture with Johns Hopkins placed the company in a good position, “The work between the corporation, our JV, and a medical provider, an excellent medical provider, definitely had its value.”

Nasser also pointed to the company's early preparations: “For us, preparing for COVID-19 started early on in February, working with Johns Hopkins, and making sure that we had all the necessary supplies available.”

He said this stemmed from having pandemics as one of the top corporate risks as part of the company's Enterprise Risk Management framework, which meant medical and nonmedical components were both in place.

In fact, when questioned by Yergin how the world's largest oil company took only 20 days in April to break its own record for sustained crude oil production during a global pandemic, this focus on capabilities and planning was at the heart of Nasser's response.

Nasser attributed it to “having the right talent, the right workforce, a reliable system, and the operational excellence.”

“We were able to manage the situation very well by putting all the precautions necessary to maintain their safety and health, while maintaining our operational resilience during this time.

“Thanks to the professionalism and the commitment of the men and women from Aramco, and the backing of their families, they did it during the pandemic.”

Nasser later said he was truly humbled by their commitment.

Summing up Aramco's response to these recent challenges, Nasser was confident that the core strengths, which have allowed the company to emerge even stronger, would serve as a blueprint for the company's future success and prosperity.

“Excellence, flexibility, and the resilience of the whole Aramco family of compa-

nies, employees, partners, and supply chain is what we are known for,” he said.

A new family member

Joining that family of companies recently is SABIC, which Nasser noted was the largest transaction in the company's history and the largest in the region, in a sector expected to see the fastest growth in oil demand in the next two decades.

Noting also that the 70% stake in SABIC was important for the company's crude to chemicals strategy, Nasser said, “We will be working with our partner SABIC now in terms of shifting more of our barrels to petrochemicals in the long run.”

“It will transform Aramco into a major global petrochemicals player, and its products will have a valuable impact on billions of lives around the world. Above all, it allows both companies to sail in the same direction on an exciting new voyage of discovery.” For that, Nasser cited Aramco's long-term focus. “It's a perfect fit!”

Outlook for second half of 2020

Asked for his view on the oil market for the remainder of 2020, Nasser responded, “I think the worst is behind us.”

“There are forecasts looking at between 95 and 97 million barrels by year end, so it all depends whether there will be a second wave of coronavirus or not.”

“But I am also not as concerned about a second wave because I think we are much better prepared now.

“All countries, all medical establishments around the world are much better prepared.

“We learned a lot during the first wave,” the CEO said.

Nasser believes we are not out of the woods yet, but the market and supporting sentiment has improved, and he sees economies doing the same during the second half of this year.”

energy transition and climate change

Addressing the twin challenges of ener-

gy transition and climate change, Nasser was clear that a healthy economy and affordable and reliable energy supplies are not the only priorities.

If anything, COVID-19 is reinforcing the company's focus on long-term growth and value creation — with climate protection central to that effort.

“The historic crisis we are passing through is forcing the pace of change and reinforcing some enduring realities. For example, it has never been clearer that the world needs a faster, more affordable game plan for the low-carbon energy future ahead,” he said.

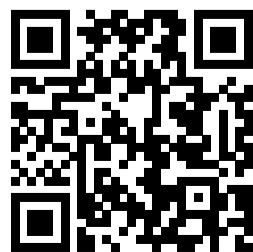
Adding that oil and gas will continue as a core part of that global effort and the global energy mix over the long-term, he noted that Aramco already has a leading position when it comes to carbon emissions; in terms of the carbon intensity in the upstream sector — 10 kg of CO₂ per barrel of oil equivalent — and a methane intensity of 0.06.

“That leading position did not come all of a sudden. It came because of our decades-old focus on reducing emissions, making the right investments, and using the right technologies.”

“However, we will intensify our focus on each of the three areas (environmental, social, and governance) as our goal is to become among the most responsible companies in these areas.”

Summing up, Nasser's view was that delivering on shareholder, stakeholder, and societal expectations, matters more than ever. In turn, excellence, financial strength and performance, environmental, social and governance, and world-class technology and talent are crucial to that delivery.

“That is why, for example, we continue to invest in one of the lowest upstream carbon intensity businesses in the world. Not just because of our commitments to our shareholders and stakeholders. But because we know a sustainable energy transition will not be possible without it,” Nasser said.



Watch full conversation with Dan Yergin

pandemic changes the future of project management around the world

by Mahmoud A. Younis

The impact of the COVID-19 pandemic over the past several months has been significant, affecting virtually all sectors of the global economy. Construction, airlines, restaurants, hotels, and international tourism came to a virtual standstill, as millions of jobs were lost.

As a major global energy producer and one of the world's largest companies, Saudi Aramco was quick to address the impacts created by the pandemic through the formation of the COVID-19 Task Force. Part of this group's responsibilities was to ensure all ongoing operations and projects apply immediate and decisive measures to minimize the virus' spread and ensure business continuity.

COVID-19 impact on construction projects

The pandemic has taken a toll on the construction industry. Across the oil, gas, and chemical industries, construction has slowed down significantly over the past several weeks all around the world. Some projects have been postponed or suspended, and final investment and funding decisions have been delayed.

Some immediate negative impacts were noticed on several projects. Construction costs started to increase, with material costs skyrocketing, as well as more construction man-hours and field in-direct hours being needed to complete construction projects.

In addition, field construction productivity experienced a considerable drop, as confirmed by several senior construction managers. And while there are currently no accurate estimates for the productivity impact on the construction industry, this impact is anticipated to exceed 10%, due to the required physical distancing, additional personal protection equipment (PPE) requirements, and cleaning/hygiene



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Meanwhile, the construction procurement supply chain has also been impacted significantly over the past three months. Experts anticipate it will take months to fully recover, creating shortages, driving up prices, and causing delivery delays. Major equipment and bulk material costs have increased, and these specific shortages will cause owners and contractors to pay extra premiums to secure these materials to meet critical path construction activities.

Additionally, more costs on large projects will be noticed. For example, the workforce being bused from construction camps to the work site will require additional buses to meet social distancing mandates. New PPE requirements need to be considered, while camp quarters must be added to minimize the workforce occupancy of each room.

innovations and path forward

COVID-19's sudden appearance and subsequent impacts have added a new

twist to the project management pyramid of cost, schedule, quality, and safety. The safety spectrum will definitely have to be expanded to tackle the possible spread of this virus at construction sites and camps. Saudi Aramco's Project Management Teams are facing several project challenges where innovative solutions are being implemented immediately to eliminate or mitigate the risks associated with this pandemic, including:

- Following Ministry of Health and company COVID-19 Task Force recommendations
- Establishing larger temporary resting areas at construction sites to improve physical distancing
- Reduce the number of workers in buses, and use additional PPE to protect construction crews
- Using teleconferencing to conduct progress and construction meetings
- Limit travel of construction management and engineers to limit the possible transfer of the virus.

Many experts are assuming that business and construction activities will slowly return to some degree of normality in the coming months. However, several clients and contractor organizations will be faced with a number of challenges that should be considered in future projects, such as:

- Establishing new procedures to include physical distancing, additional PPE, and safety guidelines
- Creating construction execution schedules to allow for additional man-hours to complete projects, as well as staggered work teams and locations
- Increased cost on projects due to additional safety requirements and slower productivity
- Increase the use of technology and innovation to execute some construction activities and reduce crowded human in-



Aramco's Project Management Teams are facing several project challenges where innovative solutions are being implemented immediately to eliminate or mitigate the risks associated with this pandemic.

terference

- Increase the use of offsite pipe fabrication and prefabricated buildings, as well as skid-mounted equipment and instruments

Utilize home office and construction support staff to work from home, and continue containment strategies that reduce person-to-person contact.

Construction contractors and project clients worldwide must evaluate these strategies and additional measures to strategically develop optimum execution strategies for future projects, thereby mitigating the negative effect of the current pandemic and other future epidemics. Safety, quality, cost, and schedules will have to be transformed and revised to cope with future pressure to accelerate the duration, minimize cost, and maintain the well-being of the construction workforce.

Aramco turns to safer, less costly construction technology

Saudi Aramco's deployment of a relatively new compaction measurement technology at its Ajyal Housing Project in South Dhahran is not only safer than other commonly used technologies — it's less expensive, too.

The South Dhahran Home Ownership Projects Department (SDOPD) and the Inspection Department (ID) recently introduced the use of electrical density gauge (EDG) technology to measure the density of compacted soil at construction sites of the Ajyal project.

electrical over nuclear

Effective quality control of compacted soil is critical to ensure the stability of foundations, roads, and other civil engineering infrastructures.

One of the most commonly used methods for testing compaction is the use of nuclear density gauges (NDG). However, the use of NDG involves employing a radioactive source and certified technicians to perform the test, in addition to government permits, strict

implementation measures, and special storage and disposal.

EDG, on the other hand, measures electrical properties of the soil using a radio frequency voltage. It is not only safer and more cost-effective than NDG, but it can be rapidly mobilized at construction sites. Moreover, the project team can use multiple instruments simultaneously, an advantage that safely accelerates testing in the field.

The technology evaluation was led by a task force comprising:

- Zakariya Al-Helal, ID
- Elsayed Elshabshiri, SDHOPD
- Bassim Nawaz, Consulting Services Department (CSD)
- Abiola Ojo, CSD

The testing method has been incorporated in the latest revision of the applicable Saudi Aramco Engineering Standard, and it is believed the new solution will offer cost savings to similar projects while enhancing the safety of the projects and the wider community.



Saudi Aramco recently introduced the use of electrical density gauge technology to measure the density of compacted soil at construction sites on the Ajyal project. Deployment of the relatively new compaction measurement technology is not only safer than other commonly used technologies; it's less expensive, too.



Aramco and Formula 1

Employee League brings the thrill of the sport one-step closer

When Saudi Aramco became a Global Partner of Formula 1 auto racing, it made perfect sense. Formula 1 is a sport based on technology, teamwork, and a constant drive for innovation. Just as Aramco scientists are at the cutting-edge of Fourth Industrial Revolution (IR 4.0) technologies for finding, producing, and refining oil and gas, and breaking new ground in materials science in our network of research facilities, Formula 1 teams are constantly adapting what is known about engine design and laying the groundwork for technological breakthroughs of the future.

In short, we're a perfect match.

Now that the company has launched its own F1 Aramco Employee League, each of us can now participate in the exciting world of F1 racing. The Employee League is a fantasy league where employees can select their own team and drivers, and compete against each other during the F1 season.

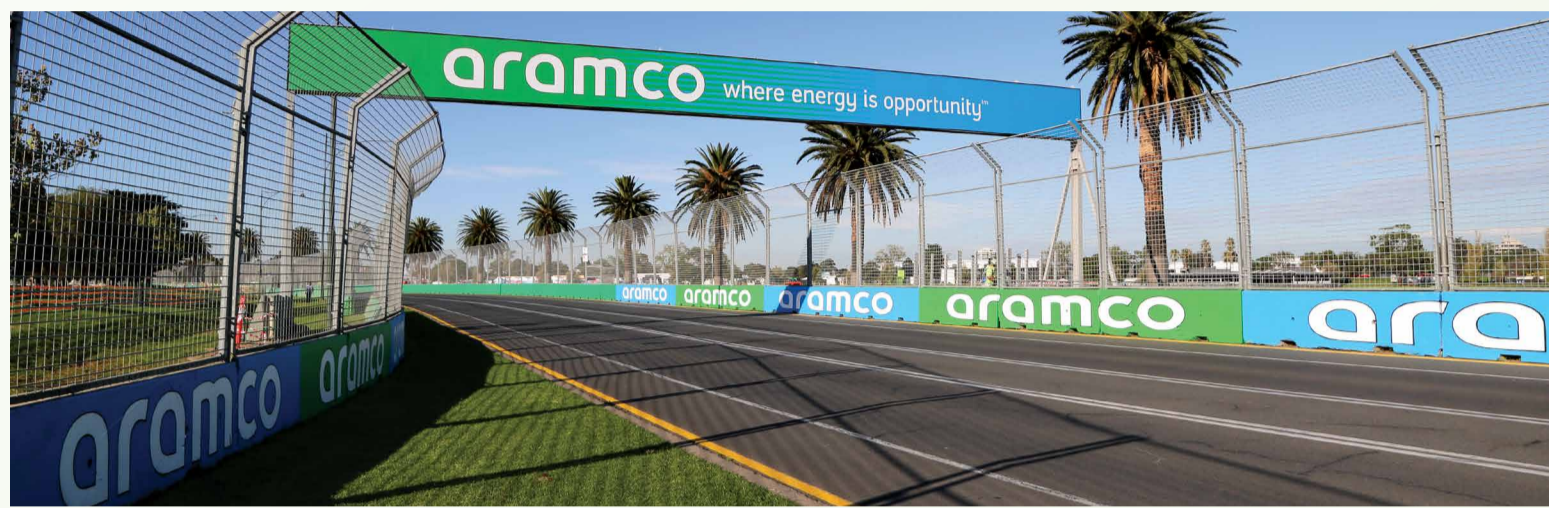
Those employees who come in first, second, and third place will win VIP Paddock Club access for a F1 race next season. Instructions for registering are down below, and the deadline for registration is July 2.

Science, skill, adrenalin

To get a taste for what makes Formula 1 such an exciting sport, consider what a Formula 1 driver experiences on race day. For 90 minutes, an F1 driver must race a circuit of 305 kilometers, attaining speeds of up to 360 kilometers per hour. Because of the gravitational forces of taking a hard turn, a driver may experience the equivalent of five Gs of force.

Imagine having 60 or 70 pounds of force applied to your head, while steering around the corner at full speed. Now imagine doing that with 19 other drivers who all share the same goal: to be the first to cross the line to win the World Championship.

Formula 1 cars are at the leading edge of technological innovation. Teams of en-



Because of corporate brand sponsorship, fans will see Aramco's name and logo on the trackside hoardings of the race track, on Formula 1 websites as well as on banners and scrolls for the network TV coverage during each race.



To get a taste for what makes Formula 1 such an exciting sport, consider what a Formula 1 driver experiences on race day. For 90 minutes, an F1 driver must race a circuit of 305 kilometers, attaining speeds of up to 360 kilometers per hour. But behind each driver, there is a team of at least 500 people, engineers, designers, fabricators, and mechanics, all at the top of their game.

gineers use sensors and gather real-time data to monitor every component, from the engine compartment to the brakes to the wear of the tires. Designers and fabricators are constantly on the lookout for minor tweaks that can save milliseconds and give their team an advantage. The end result can be literally breathtaking: An F1 car can accelerate up to 100 kilometers per hour and decelerate down to zero in four seconds. It takes longer to say that sentence than to actually carry out the act.

Drivers need more than mere physical fitness. They need stamina, steely nerves, skill, and constant attention to detail.

They also need a team. Behind each driver is a team of nearly 500 people or more, each member at the top of their craft as designers, data scientists, engineers, pit stop mechanics or fabricators, and logistics men who tear down the car after each race, box it up and ship it to the next destination for another race.

The Aramco-F1 connection

It's hard to imagine a sport more aligned with Aramco's core values and mode of doing business. Like Formula 1, we place our paramount focus on constantly improving safety and performance. Just as engineers track the performance of the vehicle during a race, down to a single component, our engineers are using IR 4.0 technology, artificial intelligence, and big data computing to ensure our facilities remain safe and operate at peak performance.

Like Formula 1 teams such as Mercedes Benz or Ferrari, Saudi Aramco has invested in research to rethink how the internal combustion engine works, aiming for

greater fuel efficiency and lower emissions. A Formula 1 vehicle, for instance, emits less carbon than a standard passenger vehicle and has an energy recovery of over 50%.

The brakes of a Formula 1 vehicle are designed to withstand incredible heat and pressure, up to 1,000 degrees Celsius. An Aramco geologist will tell you that is the same temperature as molten lava. It is in this world of power and precision that Saudi Aramco and Formula 1 both have made their name, constantly searching for innovations that deliver greater power, efficiency, and sustainability.

Both Formula 1 and Saudi Aramco know that their future rests in the education of future generations, and together these two partners are investing in the areas of Science, Technology, Engineering, and Mathematics (STEM). Saudi Aramco is a Title Sponsor for the World Finals of "F1 in Schools" program, an international competition where students can design, manufacture, and race a miniature F1 "car of the future" while developing essential skills for their future.

Aramco visibility

Corporate brand sponsorship will bring global visibility to Saudi Aramco in a number of ways. Fans will see Aramco's name and logo on the trackside hoardings of the race track itself, on Formula 1 websites, as well as on banners and scrolls for the network TV coverage during each practice run, qualifying match, and final race.

The visibility comes at an important time for the company, as Saudi Aramco is now a publicly listed company, and now globally known as the most valuable compa-

ny in the world. Sponsorship gives us the opportunity to tell the world who we are, what we believe in, and how we deliver the energy that keeps economies growing and societies prospering.

Needless to say, the fact that we produce the high-quality hydrocarbons that make innovation and auto racing possible is an added bonus.

Employee league

The Saudi Aramco F1 Employee League will help employees, both longtime fans and absolute beginners, to stay up-to-date about the sport, and to experience the fun, speed, drama, and strategy of the game.

By registering in the league, employees will have an opportunity to compete against their colleagues, picking a dream team and keeping track of their scores through the season. Employees must register by July 2 to participate in the upcoming season, which begins on July 5 with the Austrian Grand Prix.

Aramco is the presenting sponsor of "Power Rankings," the No. 1 most read serialized content about Formula 1 racing, which helps fantasy F1 players to review the data and take into consideration the various factors at play over a race weekend, such as the health of a driver or technical issues with a car, etc. *Power Rankings* is published every Wednesday after each race, and is available across social media, *F1.com*, and through a *Power Rankings* app.

Tips for new players

Formula 1 and Saudi Aramco believe in fair play, of course, but it's only fair to offer a few tips for new players on how to be successful. On the Formula 1 website, <https://www.formula1.com>, you can find the five secrets to success from last year's winner, Lewis Johnson. Here are the recommendations from Johnson, an analytical chemist from Derbyshire in the U.K., for the 2020 season:

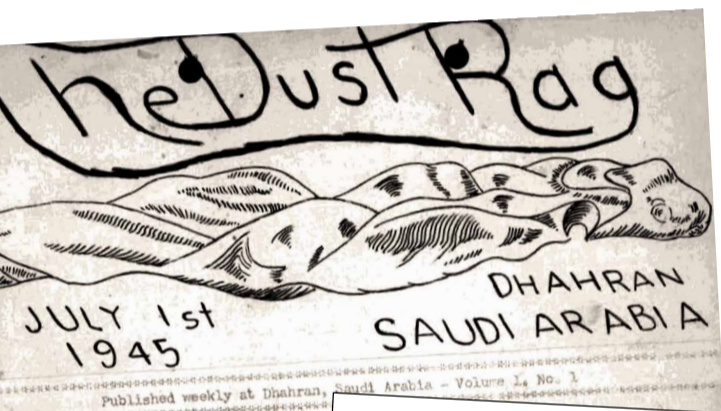
1. Pick your drivers from the top teams.
2. Do your tinkering early.
3. Hold your nerve.
4. Don't waste money on needless driver swaps.
5. Get your Turbo Driver choice right.

Here are the steps for registering:

- Click on Microsoft Edge: <https://fantasy.formula1.com/>
 - Register as a new user or log in with your existing F1 account
 - Pick five F1 drivers to form your team, using your fictional \$100 million budget, and then pick a turbo driver who will help score double points
 - After you pick your drivers, pick your car manufacturer and name your team. You will then be directed to a page where you will create a private league
 - Click on "leagues" in the navigation bar and on the next page click on "join with code"
 - Enter "Aramco Employee League" into the box
 - Enter the Aramco PIN "d25e39090e"
 - You will then be a new member of the Aramco Employee league.
- Enter the F1 Aramco Employee League now. Registration closes July 2.

75 Years

of bringing you company and community news



Dhahran — 1945 was a historically monumental year. The war in Europe had ended in May with the victory of the allies over Germany and the war with Japan would end in August. "The Lost Weekend" and "National Velvet" were on the silver screen in the U.S. and one Arthur C. Clarke put forward the idea of a communications satellite in a *Wireless World* magazine article.

The publication then merged in 1946 with Ras Tanura's newsletter *The Flare*, and the *Sun and Flare* was born and would keep that title for many years before settling on *The Arabian Sun* as a title.

At twice weekly, in 1951, it offered its first photographs and began transitioning from a purely community-centered publication to include the company's business news.

In July of that year in Dhahran, a rather rudimentary looking publication was born, a publication that was the first incarnation of what we know today as *The Arabian Sun*.

evolution

The evolution of the company throughout the decades and its major business milestones have all been documented in and mirrored by *The Arabian Sun* in the intervening years.

Early issues featured general camp news, jokes, and information about activities, birthday announcements and general snippets of interest to employees and their families.

The July 3, 1957, issue of *The Sun and Flare* celebrated the publication's 12th anniversary and also featured a front-page retirement photograph of Jack Mahoney at work in his office.

Interestingly, the front-page also features news of a flu outbreak, something employees of today will relate to with the COVID-19 outbreak.

The publication kept rolling off the presses once a month during the testing and uncertain times of the first Gulf War, which rocked the region from 1990-1991 and documented Saudi Aramco's huge cleanup efforts in the Arabian Gulf after oil was deliberately released into its waters by Iraq.

the arabian sun

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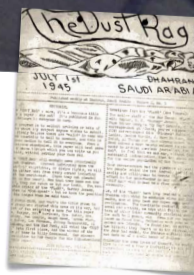
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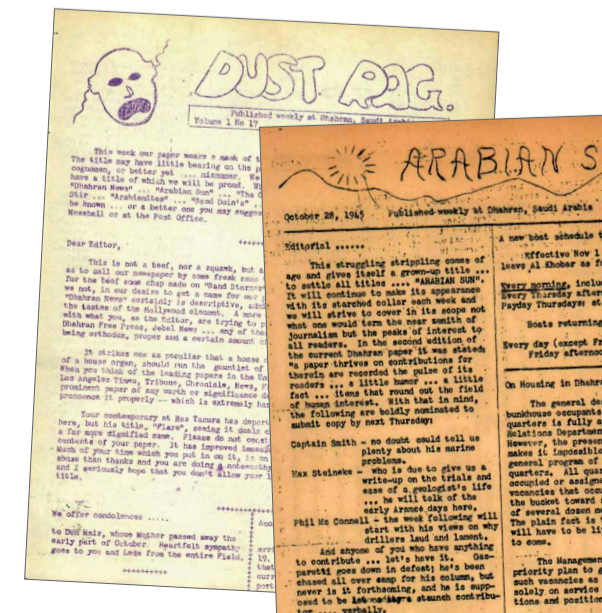
'write as you please'

"From a relations standpoint, this paper will best serve you as a means through which you can write as you please, without getting your face red," Mahoney's first front-page editorial declared in courier typeface.

The publication began as an informal, employee-led and focused newsletter for Aramco families living in the Dhahran camp.

Mahoney's mission statement was "to solicit articles or bits of news about any subject anyone wishes to submit."

The Dust Rag evolved into *The Oily Bird* on October 14, 1945, a title masthead that would last just a few weeks before being changed to *The Arabian Sun* until the end of that year.



The Arabian Sun celebrates a milestone anniversary this week as it marks seven-and-a-half decades of evolution, innovation and keeping employees abreast of the latest business and community news

stoicism

Publishing stoicism is also evident today, with *The Arabian Sun* playing a pivotal role in providing information to help employees remain safe during a pandemic.

Throughout the company's history, its major milestones in production have been featured in the pages of *The Arabian Sun*, including its Herculean 1995 efforts to set up the remote Shaybah facility in the Rub' al-Khali desert, also known as the "Empty Quarter."

Milestones of engineering ingenuity, such as the Manifa project were also featured on the front-pages of *The Arabian Sun*.

The Arabian Sun scribes and photographers were on hand when Saudi Aramco celebrated "75 Years of Excellence" at a grand event in May 2008.

Saudi Arabia's King Abdullah bin Abdul Aziz Al Saud, the sixth King of Saudi Arabia, visited Dhahran to take part in Saudi Aramco's 75th anniversary celebrations.

Another historic moment, the King Salman ibn 'Abd Al-'Aziz Al Sa'ud inauguration of the King Abdulaziz Center for World Culture (Ithra) also received extensive coverage in *The Arabian Sun* in December 2017, as the paper continued to devote its resources to the documenting of the company's historic moments.

Saudi Aramco's commitment to its pillars of Safety and Citizenship is also infused into the publication's content on a weekly basis, as is comprehensive coverage of Saudi Aramco's sponsored events, both at home and abroad.

digital

The Arabian Sun had its first foray into digital platforms with the *SunDirect*, which ran from October 2011 until August 2012. Employees received the publication in their email boxes during this period.

Major company programs, initiatives, and its commitment to the Kingdom's ambitious Vision 2030 economic roadmap are also showcased.

Initiatives such as the In-Kingdom Total Value Add (iktva) program receive extensive coverage each year as they support the vision and the Saudi economy.

Environmental measures undertaken by Saudi Aramco also take prominence, notably extensive mangrove planting along the coastline of the Eastern Province and the Shaybah Wildlife Sanctuary.

The company's unwavering strategic commitment to developing and deploying technology across its business is also a focus for *The Arabian Sun* alongside its evolution into a world leading fully integrated energy company.

The recent 70% acquisition of Saudi Arabian Basic Industries (SABIC) and the historic IPO of 2019, received thorough coverage in what is known informally as "The Sun."

Publishing director Meteb F. Al-Qahtani says that *The Arabian Sun* has a rich history and is part of the fabric of Saudi Aramco.

Current editor Todd Williams says, "When I came to Aramco 10 years ago, I think that I had the same reaction as a lot of people would when learning about the Sun.



From the beginning to current. These banners show the progression of the company's employee newspaper, The Arabian Sun.

"It's surprising how much is in there — company news, lifestyle articles, features, and community happenings.

"That being said, I think that its long-term success can be attributed to what's right there on the front-page each week: it's a publication for Saudi Aramco employees. From its early days as *The Dust Rag* to the present, this has been at the core of its mission, whether that was Little League box scores or how to keep yourself safe during the COVID-19 pandemic," notes Williams.

"And, as things continue to evolve into new mediums beyond the standard print edition, it is a dedication to this mission

that will ensure its success and continued role as a trusted source of information for employees and their families."

new direction

Reflecting the development of the industry itself, *The Arabian Sun* will be part of a fresh strategy by Public Affairs to widen its content spread over a number of digital platforms, keeping pace with the times we live in, and engaging employees on a number of new levels.

Exciting times are ahead for *The Arabian Sun* as it continues to serve company and community, and embraces the digital age.



COVID 19
Responsibility

He's bringing home something not on his list

Khaled got tired of wearing his mask and gloves while shopping so he took them off. He's young, healthy, and made sure that he kept his distance from people. What's the big deal?

But Khaled's cart had been used previously by an infected shopper who sneezed on the handle. And then Khaled touched his face. By being careless, Khaled put himself and his family at risk.

Never let your guard down.

Because it's not only about you. It's about everyone's safety.

Unsafe personal behaviors can destroy lives. Do your part to keep us all safe.



Wear a facemask in public. Facemasks should be worn when you may be near people.



Wash your hands with soap and water for **40 to 60 seconds**. Or use hand sanitizer for 20 seconds.



Don't touch your face. Avoid touching your eyes, nose, and mouth.

saudiaramco.com/en/covid | Help desk 87-COVID (013-872-6843) | JHAH 800-305-4444 (Option 3)



Traffic Safety Signature
Program Division

Traffic Safety content creation competition

Share your ideas, experience, and win!



Best Traffic Safety
Infographics



Best Traffic Safety
Posters/Messages



Best Traffic Safety
awareness
technologies/tools



Best Traffic Safety
Videos

Before **July 16, 2020.**

For more information, go to
**Sharek ▶ Traffic Safety
content creation competition**

historical photo



Residents board a boat for Bahrain in the late 1930s, long before the causeway provided an automobile route to the island. Floyd Ohliger, a prominent figure in Aramco history, supervised the construction of the al-Khobar pier, the very first of its kind. The boat Calarabia departed regularly to Bahrain from the pier. Photo: Max Steinke



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well-being caring for your health and wellness

Our New Normal ... Beating COVID-19 with the '3 Ws'

by Layal AlKhatib

As we adjust to the "new normal," we need to incorporate new habits into our day-to-day lives. Whether at work, visiting family members, going to a grocery store, or eating at a restaurant, COVID-19 preventive measures need to be implemented by us and those around us.

How you can beat COVID-19?
How can you go on with your normal life safely, protecting ourselves and those around us from the threat of this virus?

Incorporating JHAH's "3 Ws" as part of your daily habits in the world of the new normal can help you stop COVID-19. Being responsible, and holding yourself accountable can be a lifesaver.

Wash your hands

COVID-19 is a virus that spreads when droplets or mucus that contain the virus enters your body through your nose, eyes, or mouth. Most often the medium that transfers the virus to you is your own hands.

Regularly washing your hands is one of the most important acts that will help prevent the spread of the new coronavirus.

Handwashing is proven to reduce respiratory illnesses, such as colds, in the general population by 21%, while also reducing the number of people who get sick with diarrhea by 31%, according to the Centers for Disease Control and Prevention.

To correctly practice hand hygiene, be sure to frequently wash your hands with soap and water for at least 40 to 60 seconds, or if soap and water are not available, use an alcohol-based hand sanitizer for 20 to 30 seconds.

Tip: Check the label of your alcohol-based hand sanitizer to make sure it is at least 62% alcohol.



Wear a mask

Wearing a facemask can help prevent the spread of COVID-19. A facemask should be worn at all times when leaving the house, according to the Saudi Ministry of Health's current guidelines.

How do I wear a cloth mask correctly?

1. Before putting on your facemask, wash your hands with soap and water for at least 40 to 60 seconds, or sanitize your hands for 20 to 30 seconds, and make sure the mask fits securely against the sides of your face.
2. While wearing the cloth mask, avoid touching the mask or your eyes, nose, and mouth.
3. Before you remove your cloth mask, wash your hands with soap and water for at least 40 to 60 seconds, or sanitize your hands for 20 to 30 seconds; avoid touching your eyes.
4. When removing the mask, touch it only by the ear straps.
5. Repeat hand hygiene again immediately after removing the mask.
6. A cloth mask should be machine or hand washed in hot water with laundry

soap after each use and dried thoroughly. This is sufficient for sterilization.

7. If you are using a disposable facemask, dispose of it responsibly in a covered trash can.

The cloth mask should:

- Fit squarely to the sides of the face and chin.
- Be secured with a thread that wraps around the ear to secure its fastening.
- Include multiple layers of fabric — preferably cotton — but allows for comfortable breathing.
- Tolerate washing and drying without damage or changing in shape.

What are some cloth mask precautions?

Misuse may increase the risk of infection. Don't use damaged masks and don't reuse it without washing. Don't put a facemask on children under two years of age and don't use it for people who are unconscious.

Watch your distance

One of the most effective preventive measures that is proven to slow the spread of COVID-19 is physical distancing.

What is physical distancing?

Physical distancing refers to limiting the number of people you come in to close contact with by keeping a two-meter physical distance between yourself and others are all times.

Our new normal life means we have to adapt the way we live and abide by the Ministry of Health guidelines. We must continue to practice hand hygiene, physical distancing, and universal masking. This new norm will enable us to beat the wave of COVID-19.

— Dr. Jaffar Al-Tawfiq MD, FACP, FCCP
COVID-19 Incident Commander,
director of Infection Control
JHAH Patient Safety & Quality Department

Why should you practice physical distancing?

Physical distancing cuts the risk of COVID-19 infection by half. When a person with COVID-19 coughs or sneezes, or talks, the droplets from their mouth or nose can travel up to six feet, and you can get infected if you inhale these droplets or if they land on your mouth, eyes, or nose.

Up to 50% of people with COVID-19 don't have any symptoms at all and a further 30% only have very mild symptoms, so they may not even know they are infected. Therefore, it is important to help prevent the spread of COVID-19 by keeping your distance at all times, even if the people around you are healthy.

This will help slow the spread of COVID-19 will help you protect yourself, your loved ones, and everyone in your community.

Save lives with the "3 Ws," and together we can overcome this pandemic.

For more JHAH COVID-19 prevention content, visit <https://www.jhah.com/en/new-coronavirus/useful-resources>.



How to stop touching your face

Did you know that you touch your face an average of 23 times per hour? Touching your face can significantly increase your risk of COVID-19 infection, where the virus can enter through your nose, eyes, or mouth.

Here's how you can stop:

- When you feel the urge to touch your face, touch your arm instead.
- Make a conscious effort to stop touching your face, try placing a visual reminder where you will see it every day.
- Keep your hands busy; try having a stress ball nearby.
- Avoid the use of contact lenses.
- Make not touching your face a competition, give your child a reward for not touching their face.
- Get your colleagues involved, you can encourage and monitor each other.



Become a patient at Johns Hopkins Aramco Healthcare (JHAH)

Eligible Saudi Aramco employees and their dependents are invited to register for health care at JHAH.

For more information on how to change your registration, contact your local HR Service Center or visit HR Online, or scan the QR code below for detailed instructions.



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the arabian sun



AramcoWorld rolls out new mobile app

The new *AramcoWorld* app for their digital edition is now available from the Apple App Store and on Google Play. Coming soon to Amazon.

see page 2

Ras Tanura kids use art to help ‘Stop the Spread of COVID-19!’

by Fatimah Abdulrahman Alansari

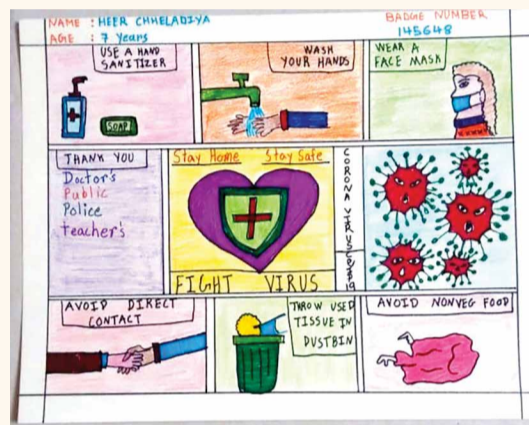
Children in Ras Tanura recently put their artistic talents to the test in a drawing contest designed to highlight the importance of stopping the spread of COVID-19.

Titled “Kids’ Fun Drawing Project — Stop the Spread of COVID-19!” the RT Recreation Services Unit sponsored contest was designed to entertain children during a time of quarantine.

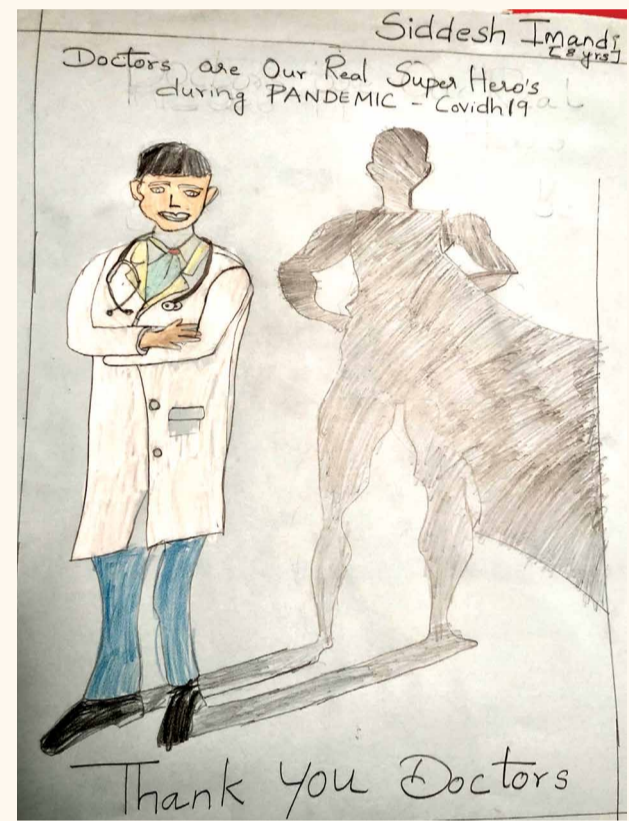
The children were encouraged to express their thoughts about their current situation and demonstrate their understanding and ideas about protection and prevention. Organizers received a wide selection of drawings from children of all ages, with each drawing demonstrating a means of preventing the spread of COVID-19.

Winners included Heer Chheladiya, 7, in the 4- to 7-year-old division; Siddsh Imandi, 8, in the 8- to 10-year-old division; and Naiya Shah, 13, in the 11- to 15-year-old division.

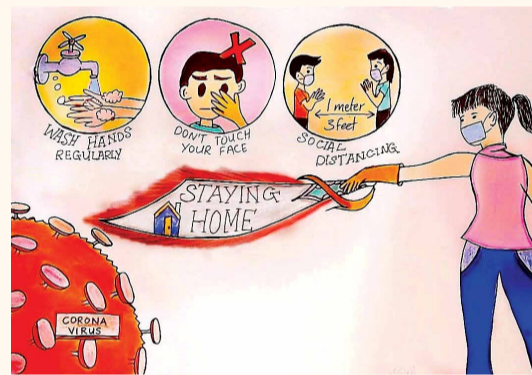
RT Recreation Services thanked all of the participating children.



Heer Chheladiya, 7 years old



Siddsh Imandi, 8 years old



Naiya Shah, 13 years old



the beauty of India

Vikrant P. Ambatkar was on vacation in India last summer when he captured this photo of the World Heritage Site at the Ajanta and Ellora caves, and the surrounding hill station and forest. A native of India, he used his Nikon D5600 to capture the image. Ambatkar lives in Ras Tanura and works in the Ju'aymah NGL Fractionation Department as a vibration technician. He has been with the company five years.