

JOHNSON ARABIA

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Spring Edition

Main Story

Sheikh Khalifa bin Zayed Al Nahyan mosque

AMAZING PROJECTS

*highlights of
projects we
worked on this
quarter*

Community
Service

Dubai Creek
Striders
Marathon 2023



PLUS

Johnson Arabia's
Joe Keely speaks at
Access & Handling
Summit on 7th
March

Directors Message

You will never lift alone.

The New year has brought a lot of joy and opportunity already and we are very excited for new projects we have lined up this year. Our team is already completing a project at the iconic Al- Ain Mosque, a year long tenor at Das Islands in the oil and gas industry and The Abrahamic Family House to name a few. These projects are a testament of the teams excellent service and our clients trust in us; for which we are grateful. We are still actively working with the Saudi Arabian market and are hoping to be a regional supplier there soon. Finally we have invested in new electric and eco-friendly AWP fleet units which will enable us to be part of many sustainability aligned projects and be aligned with the U.A.E'S vision of 2030.



Mr. Martin Kirby,
M.D Johnson Arabia



Our Amazing Projects

While we are proud of every thing we do, these projects showcase our versatility and skill.



Meydan Site, Dubai
Lifting & Re-locating of precast chamber 132tonnes using a 700t and a 500t mobile crane for tandem lift.



Ras Al khor, Dubai
This project was to set up Jaso cranes for a project.



Formula 1 Racing track, Abu Dhabi
Johnson Arabia AWP on site for maintenance work .



Sugar Refinery , Oman
Our 280 tonne working in Sohar Sugar refinery

Sheikh Khalifa bin Zayed Al Nahyan mosque

Construction of this 168,000 square foot mosque with a dome adorned with the verses from the Quran was awarded to Arabian Construction Company for a whopping AED 600 million. The initial start date was of December 2013 with a completion predicted in 2016. However, the project was subsequently delayed by a review of major projects that slowed the pace of development in Abu Dhabi. This project was completed in 2019 and recently Johnson Arabia was contracted for lifting services for the improvements on the Mosque that were initiated in 2022.

The project improvements included installing sensor activated shade canopies for the outdoor prayer areas. To provide shading for such massive areas multiple 22 tonne and 12 meter high steel columns needed to be erected and Johnson Arabia was the expert lifting partner for this.

based on the size of the columns and lifting plan the team used a TEREX - DEMAG CC2200 350 tonne crawler crane and a 100 tonne Liebherr to perform an almost tandem lift where the columns were lifted off the flatbeds and then the CC2000 was used to position the column upright and the Liebherr was used to keep the bottom of the column off the ground for accurate positioning. The biggest challenge for our team was the visibility of the ends of the column so the rigging team made sure to communicate with each other for every step of the lift and consult with the Installation team for accuracy of placement.



Another challenge was converting the parking space near the mosque to a high load bearing area. This was achieved by strategic placement of crane mats after ground pressure calculations to ensure full safety of the equipment and lifts. Finally the team had to obtain very special permits for this job due to its high profile nature and ensure that no work was done or lifts were performed during prayer times. As prayer times occur 5 times a day the engineers had to carefully plan lifts that could be performed in specific time windows or ensure full safety of the columns if any of the columns were mid lift.

Johnson Arabia at the Access & Handling Summit.



On the 7th of March Joe Keely our Executive Manager - AWP joined colleagues to speak at the keynote event by construction Middle East about how the advent of AI and IoT has brought incremental change in operating procedures and the commercial possibilities they open up. This panel was a great way to understand the new protocols and why they matter which the team at **Johnson Arabia** is well versed in.

Announcement



Congratulations to our Abu Dhabi field engineer Shanaka and his wife Kaveesha on the birth of their daughter

Ennie Aathra

IPAF Tips



Clip On!

All occupants of the platform must attach their lanyards to the correct anchor point. Ensure occupants' movement within the platform is possible while their lanyards are attached, and do not move the machine or elevate the platform until, and unless, all occupants' lanyards are attached

Dubai Creek Striders Marathon 2023



For the past 20 years **Johnson Arabia** has been the proud sponsor of the **Dubai Creek Striders (DCS) half Marathon**. This year our volunteers helped set up cranes, man-lifts and lighting in preparation for the race. We also has a set of staff volunteers who went in on the day of the race to help with bag drops, refreshment stations and prizes.

We are very proud to support community organizations like DCS that encourages goals of health and fitness within the professionals and residents in Dubai.

SUCCESS IS NOT FINAL; FAILURE IS NOT FATAL; IT IS THE COURAGE TO CONTINUE THAT COUNTS
-WINSTON S. CHURCHILL