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ARJ WATER TECHNOLOGY

Residential & Commercial Agricultural & Irrigation Governmental & Public Utilities Construction & Mining Fire Fighting HVAC



pumping



storage



heating



treatment



service

www.arjwatertechnology.com

Letter from the Group President



I have the great honor to lead the business of my father, the late Mr. Ahmed Ramadhan Juma. As President of the ARJ Group of companies, I am proud to set the strategy and direction of ARJ Water Technology 'ARJ', working to grow our business with Rory McCarthy the Executive Director and his team.

Founded in 1964, ARJ is a leading water technology company in the GCC. Our employees' knowledge of water, partnerships with international companies and broad business networks makes ARJ a reputable water technology products and services provider.

We are a growth company driven to expand, by moving our brands into new geographical areas and business channels. We are committed to our customers, who are always at the center of our thinking.

Our drive for the water technology market is in our DNA. We provide the technology to pump, store, treat, heat and service water. Our objective is that your water system comes from ARJ and we exist to serve you. We provide the engineering knowledge and technology to make water work.

We are humbled to serve key clients and have delivered water solutions to landmark regional projects including Burj Khalifa, The Mecca Royal Clock Tower, Yas Island Marina Circuit, The Presidential Palace - Ras Al Akhdar and many more.

We carefully select our business partners based on exclusivity, commitment to research and development and a future road map, anticipating customers changing needs.

ARJ has a passionate, talented and experienced workforce that is proud to serve all business segments including the Residential, Commercial, Agriculture, Irrigation and Municipal industries.

Our business is well established in the United Arab Emirates, the Kingdom of Saudi Arabia, the Sultanate of Oman and Kuwait and has extensive retail outlets, distribution through dealers and direct sales through our projects team.

Our team is here to help you by providing you with the technology and applications to deliver and manage water.

Yours Sincerely,
Shahab Ahmed Ramadhan Juma
Group President

ARJ Holding

Rory James McCarthy
Executive Director

ARJ Water Technology

Mission

"ARJ delivers world class water technology solutions for the pumping, storage, heating, treatment and servicing of water in the GCC region."

Vision

"To be the leading company driving the water technology industry forward, providing innovative technologies and solutions to customers in the GCC that make a sustainable change in the way water is used."



What we do



Pumping

ARJ Water Technology is established in 1964 with its core business in pumping solutions. ARJ work with international companies that supply pumping systems for different applications and industries to move efficiently water to the desired location. ARJ have pumps for multiple purposes including borehole, submersible, horizontal and vertical multistage, dewatering and wastewater.



Storage

ARJ distributes Glass Reinforced Plastic (GRP) water tanks that are eco clean and friendly. ARJ partners supply GRP water tanks that have external reinforcements, with rectangular and circular edged shaped options. All ARJ storage solutions have WRAS (Water Regulation Advisory Scheme) accreditation from the United Kingdom drinking water standards and ISO 9001:2000 certifications. Our partners offer the best quality to build and assemble your water tanks, to ensure that the storage of your water is contained hygienically and efficiently.



Heating

ARJ in partnership with Vaillant provides solar heating solutions for the United Arab Emirates. Vaillant Group of companies reports sales in excess of €2.2 billion globally and is one of the largest companies in the solar heating market. ARJ offers a range of solar heating systems developed and designed to perfectly suit your solar heating needs.



Treatment

ARJ in partnership with Sulzer ABS, a global company with sales exceeding \$3.2 Billion provide a range of products that serve the pumping and treatment of wastewater. Sulzer products include wastewater pumps, mixers, aerators, turbo compressors, progressive cavity pumps and macerators. Sulzer ABS products are used in different applications to pump and treat water including pumping wastewater from residential and commercial buildings to the wastewater plants, which is returned back safely to the environment.



Servicing

ARJ products are supported by a proven and extensive commitment to servicing, with a workshop and warehouse teams dedicated to providing a top quality service that exceeds international production and servicing standards. With complete sales and after-sales service teams that are equipped with extensive knowledge, spare parts kits, service manuals, installation guides and tools to ensure that your servicing requirements are met with the best care and professionalism.



Retail & Wholesale Operations

ARJ has strong market coverage through its retail and wholesale operations, serving the GCC water technology market. Our showrooms are equipped to fulfill your water technology needs from pumps, heaters, storage tanks, treatment products and servicing support for all these products.



Project Management

The ARJ project sales team, delivers high-end solutions to both the private and public sectors through; meeting client specifications, delivering on project requirements and providing effective water management solutions. ARJ project sales are a strong technical, engineering and commercial team with support staff who provide the right advice to solve your water needs.



End to End Solution provider

ARJ provides water solutions for its customers through the multiple stages of a project; from the planning, design, engineering, commercial, delivery, installation, maintenance and after-sales service of all that connects water.



System Assembly

ARJ assembles complete pump sets that serve the residential and commercial building services sectors. Our system assembly team builds customized solutions, made to satisfy the most challenging project demands.



Warehouse, Stocks and Spare Parts

ARJ maintains a comprehensive range of stock and spare parts in order to ensure that it can serve its customers on time and provide a consistently reliable and timely service. The stock and spare parts are available throughout our retail and wholesale outlets and are controlled through a central warehouse to ensure stock replenishment for our customers.

LOWARA

a xylem brand

Founded in 1968 and based in Montecchio, Italy, Lowara has been serving customers over 40 years. A world leader in stainless steel pumps manufacturing technology, offering solutions for water, wastewater, HVAC and fire protection in agricultural, domestic and commercial buildings and light industrial applications. Lowara is committed to developing the best in manufacturing and distributing pumping systems for water technology applications.

Lowara offerings:

Stainless Steel pumps including self-priming, horizontal, vertical single and multi-stages, surface and submersible pumps, circulators, drainage, clean and waste water, borehole, booster sets, variable frequency drives, control panels and accessories.



SULZER



From its beginnings in Winterthur, Switzerland back in 1834, Sulzer ABS has become a global industry leader in wastewater with highly reliable and sustainable solutions for performance critical applications. Sulzer ABS offers solutions for different segments including the domestic, commercial, municipal, industrial, mining and construction markets. Sulzer ABS prides itself on technological leadership, outstanding service, research and development and innovation.

Sulzer ABS offerings:

Waste water pumps, mixers, aerators, turbo compressors, flow boosters, progressive cavity pumps and macerators.



atx

ATX is the largest independent pump manufacturer in South Asia. ATX has a heritage of 50 years in the pumps industry. ATX has six divisions with a built up area more than 400,000 square feet. Catering exclusively to the manufacture of different pump product groups. ATX has gained international recognition through; consecutively winning the Indian Export Excellence Award for four years. ATX was also recently awarded in Japan the Total Productive Maintenance TPM Award, the first of its kind for a South Asian company and ATX is also 9001:2000 Total Quality Management certified. ATX factories possess state of the art robotic and laser welding manufacturing equipment. Its captive foundry produces high quality casting for both ferrous and non-ferrous production, complete with their own independent environmentally friendly power generation plant.

ATX offerings:

Borehole 4" and 6" Pumps and Motors and open well submersible pumps.



Established in 1871 in Virginia, United States of America. Valves manufactured by McWane, Inc. facilities are designed in a range of configurations, from in-ground valves suitable for home water service to large industrial grade products. Check valves and pressure-relief valves provide one-way fluid passage. Butterfly valves, eccentric plugs, gates and resilient wedges can meet nearly any high-pressure need. The foundries also provide gear cases chain wheels and position indicators necessary for industrial applications.

McWane offerings:

ISO, SO and AWWA Certified Ductile Iron & Cast Iron valves, with types of valves including Resilient Seated, NRS Gate valves, Double Orifice-Air Release Valve, Swing Check Valve, Double Eccentric Butterfly Valve and Concentric Butterfly Valves.



AQUASYSTEM®

Founded in 1965, Aquasystem is a leader in the manufacturing of expansion vessels and pressure tanks. Aquasystem mission is to match customer and market requirements through offering high quality products and at the same time being environmentally friendly. Aquasystem is certified by the European body, TUV CERT according to the ISO 9001:2008 standard for the production of expansion vessels and pressure tanks.

Aquasystem offerings:

Aquasystem pressure tanks are made from carbon steel with external environmental friendly epoxy-polyester coating and are equipped with EPDM (Ethylene, Propylene Diene M-class) rubber removable bladders for alimentary use and potable water.



DOHA INDUSTRY

www.doha.co.kr

Established in 1997 in South Korea, Doha Industry is a Glass Reinforced Plastic (GRP) water tanks manufacturing company. Doha has received recognition through obtaining: WRAS (Water Regulation Advisory Scheme) accreditation from the United Kingdom drinking water standard and is ISO 9001:2000 certified.

Doha Industry offerings:

GRP water tanks that are designed for watertight construction. Doha Industry water tanks have excellent finishing capability with interior and exterior standards with high durability, sanitation, hygiene and water tightness.





Founded in Remscheid, Germany in 1874, Vaillant is one of Europe's best-known solar heating brands. With over 12,000 Employees, Vaillant develops and manufacture products in six European countries. Vaillant's 140 years of experience in the field of solar heating is well placed to offer the latest technology to the United Arab Emirates. By incorporating the latest technology, Vaillant's unique total solar system solution intelligently blends solar and conventional energy supply to optimise domestic heating and warm water efficiency for the customer.

Vaillant offerings:

Solar Heating Panels for supply of domestic hot water with tanks volume of 100, 200 and 300 litres, Forced Circulation and Drain Back Systems.



Founded in 1974, Aqua Water Systems is a quality Italian manufacturer of filters, filter housings, domestic reverse osmosis and dosing systems. Aqua Water Systems focus on the purification of water to ensure that water is hygienic and safe for us to use. Aqua Water Systems products are available over 100 countries around the world.

Aqua Water Systems offerings:

Water filters, domestic reverse osmosis and dosing systems.





Residential & Commercial Buildings Services

In today's world you need water to work and that's what ARJ Water Technology does, make water work for you. We provide complete residential and commercial buildings services water solutions. Whether you require water to be pumped, stored, heated, treated or serviced then ARJ Water Technology is there for you. We do this through our booster pump sets, drainage and sewage pumps, HVAC pumps, single and multistage pumps, accessories, control panels, variable speed controls, water tanks, water heaters, water filtration systems and servicing support.



Agriculture & Irrigation

This sector is one of the major consumers of water resources in the GCC. We understand that quality, delivery and management of water are critical to your business and crops. Today horticulturists rely on ARJ total solutions to pump water even under the most challenging desert conditions. Equipment offered by ARJ for the agriculture and irrigation segments include pumping of water from wells and reservoirs and the supply of water through irrigation systems. We also provide heavy-duty stainless steel submersible borehole and surface pumps, single and multistage pumps and GRP water tanks.



Governmental & Public Utilities

ARJ project team work with governmental departments, end users, consultants and contractors in providing the best solutions for the water and wastewater management. Water solutions from ARJ in partnership with Lowara, Sulzer ABS and McWane Inc. can provide clean and wastewater pumps, mixers, valves and other products that combined together ensure the safe movement, treatment and control of water and wastewater.



Construction & Mining

ARJ in partnership with Lowara and Sulzer ABS provides water technology products that are critical to the smooth operation to the construction and mining segments. In order to remove water from construction, excavation sites, mines, quarries, tunneling or other industrial projects, ARJ provides full range of dewatering pumps. Products include electric and hydraulic submersible pumps for general duty in dewatering, bypass, drainage and sludge applications.



Fire Fighting

The protection of life is not a matter for compromise. As a matter of fact ARJ Water Technology in Saudi Arabia offers SPP fire fighting pumps designed specifically for the very particular need of fire protection. From flows of 200 GPM through to 5000 GPM SPP Pumps provides a comprehensive range of split case, end suction and vertical turbine pumps approved by most of the major fire protection bodies around the world including NFPA 20. Moreover ARJ offers stainless steel multistage pumps and booster pump sets. ARJ also has access to Ebara fire fighting pumps in Kuwait.



Heating, Ventilation & Air Conditioning

A growing global population is resulting in the rise of a greater number of buildings, many of which require climate control in combination with efficient energy and water consumption to promote healthy and comfortable living. ARJ provides energy efficient pumps, boosters, circulators and controllers supplied by Lowara. The HVAC products and systems on offer are designed for the residential and commercial buildings services markets.



Wastewater & Sludge Handling

The safe and reliable management of wastewater and the complications it can cause, are critical in every community. Through our partners, we provide a complete range of pumps and other products to support complex operations, including stormwater, sewage drainage systems and pumping wastewater into treatment plants.



Water Supply & Handling

We offer a range of products for the supply of water to your home and business. ARJ provides pumps and systems for the distribution and raw intake from subsurface wells, surface water and all other sources of clean, gray and wastewater.



Dewatering, Bypass & Drainage

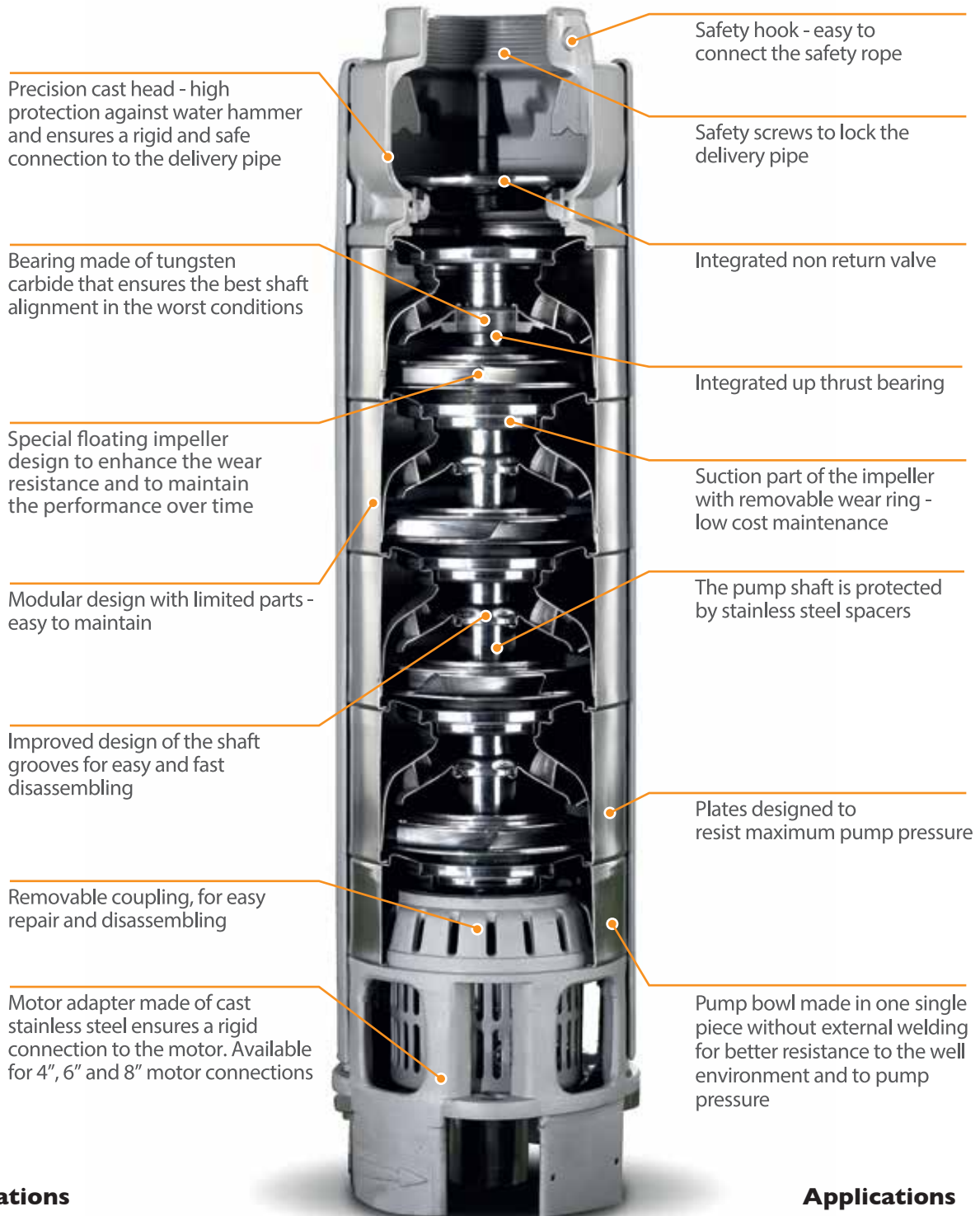
Whether digging deep down or dealing with torrential downpours, water is sometimes where it isn't needed. To remove water from construction, excavation sites, mines, quarries, tunneling or other industrial projects, ARJ supplies dewatering pumps that ensure that water is removed from any unneeded location.



Water Storage

The provision of clean water is critical to health and safety. GRP tanks, supplied by our Korean partner Doha Industry allow not only for excellent standards in hygiene, supported by WRAS certification in the United Kingdom, but also flexibility of design and the provision of a long trouble free life in harsh climatic desert conditions.

Z6, ZN6 submersible pumps for 6" wells



Specifications

Delivery: up to 78 m³/h
Head: up to 700 m
Power: from 0.55 kW up to 55 kW
Maximum operating pressure: 70 bar
Temperature of pumped liquid: to 60 °C
Maximum immersion depth: 350 m
Sand handling capacity: 100 g/m³

Applications

- Light industry: water
- Agriculture: irrigation
- Municipality: water

Submersible Sewage Pump Type ABS XFP

SULZER

abs



Features and benefits

- ❶ Versatile range of Contrablock Plus impellers engineered for handling today's wastewater with high rag and solid content
- ❷ Premium efficiency IE3 motor in accordance with IEC 60034-30
- ❸ Adjustable bottom plate maintains efficient rag handling and for restoring pump efficiency
- ❹ Class H (140°C) insulation for long lifetime of motor
- ❺ Double volute casing from DN 400
- ❻ Versatile cable types with optional shielded cable (EMC)
- ❼ Double mechanical seals providing maximum resistance from abrasives
- ❽ Thermal protection switch in stator as standard
- ❾ Heavy-duty stainless steel shaft
- ❿ Moisture DI probe in seal chamber as standard
- ⓫ Heavy-duty bearings
- ⓬ Motor cooling options for continuous operation in dry installation and in wet well installation with un-submerged motor

RESIDENTIAL BUILDING

COMMERCIAL BUILDING

INDUSTRY

IRRIGATION

MUNICIPAL SERVICES

Project: Burj Khalifa
Year: 2009
City: Dubai, UAE
Client: Emaar Properties

Contractor: ETA-Voltas-Hitachi Plant (Joint Venture)
Consultant: Hyder
Products: Lowara & Vogel Transfer & Booster Sets & Hydrovar Variable Speed Drives

Focus: Hydrovar

Introduction

The word burj is Arabic for tower & Burj Khalifa named in honour of the President of the UAE, Sheikh Khalifa bin Zayed bin Sultan Al Nahyan, is the world's tallest building. The triple lobed footprint of the building is based on the shape of the Hymenocallis desert flower native to the United Arab Emirates. The tower is also the centre piece of Downtown Burj Khalifa, a large scale mixed-use development. Burj Khalifa stands not only for unparalleled luxury, but with a height of over 828 metres, is both an architectural accomplishment and a testimony of human achievement. The structure takes its place in history as one of the world's great landmarks.



Products & Application

ARJ supplied and installed Lowara SV series and Vogel MP series water transfer sets (11KW-200KW) and Lowara SV, SHE and SHS series water booster sets (4KW-37KW). The water booster sets are fitted with Hydrovar, a bespoke variable speed drive (VSD) designed for pumping applications. The Hydrovar varies pump speed to ensure the water flow rate meets demand so motors run efficiently and energy is not wasted. Each set comprises 2 duty + 1 standby pump. The sets are factory assembled at the Lowara facilities located in Vicenza, Italy.



RESIDENTIAL BUILDING **COMMERCIAL BUILDING** **INDUSTRY** **IRRIGATION** **MUNICIPAL SERVICES**

Project: Mecca Royal Clock Hotel Tower

Year: 2009

City: Mecca, Saudi Arabia

Client: General Authority for the Holy Mosque

Contractor: Saudi Bin Ladin Group

Consultant: Dar Al-Handasah

Products: ABS Submersible Sewage Pumps AFP, Vogel MP Pumps
& SPP Horizontal Thrustream Axial Split Case Pump

Focus: SPP Thrustream Split Case Pumps

Introduction

The Development of King Abdul Aziz Endowment (DOKAAE) project is one of the world's largest mixed-use complexes and overlooks the Holy Haram in Mecca, Saudi Arabia. It consists of a large podium, topped by seven towers. These include six residential towers, a five star hotel in the middle, the Mecca Royal Clock Hotel Tower the tallest of its kind in the world at just over 600 metres, an observatory deck, a convention centre, a shopping centre and car parks. Spanning a diameter of 43 meters, the Royal Clock, six times larger than London's Big Ben, sits atop the central tower.

Products & Application

Connected to DOKAAE by a 1 km under ground tunnel, are 5 pumping stations to prevent the overflow of water. ARJ supplied and installed 3 AFP series ABS submersible sewage pump sets for the chiller plant culvert and also MP series Vogel horizontal multistage pump sets, power rated 45kW - 160KW, for clean water pumping.

ARJ Water Technology also supplied SPP Horizontal Thrust Stream axial split case pump TD25A (250/30) & TD15A (150/30) for the chilled water system.



RESIDENTIAL BUILDING

COMMERCIAL BUILDING

INDUSTRY

IRRIGATION

MUNICIPAL SERVICES

Project: King Abdullah Bin Abdul Aziz Foundation for
Development Housing Dedicated to His Parents
Year: 2013
City: Jazan, KSA
Client: King Abdullah Bin Abdul Aziz Foundation for
Development Housing Dedicated to His Parents

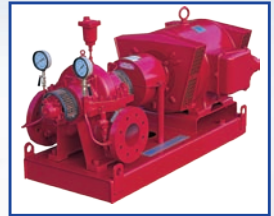
Contractor: Beijing Emirates Int'l Construction Co.
Consultant: Zuhair Fayez Partnership Consultants
Products: Lowara HMS Centrifugal Pumps & e-SV
Duplex Booster Sets, SPP Fire Pumps
Focus: SPP Fire Pumps

Introduction

King Abdullah Bin Abdul-Aziz Foundation for Development Housing Dedicated to His Parents was established as a charitable foundation aiming at providing appropriate housing for those in need amongst Saudi society.

Products & Application

For the Foundation, ARJ supplied Lowara HMS horizontal multistage centrifugal electric pumps, Lowara e-SV sets for pressure boosting and SPP horizontal split case electric and diesel driven fire pumps.



RESIDENTIAL BUILDING COMMERCIAL BUILDING INDUSTRY IRRIGATION MUNICIPAL SERVICES

Project: The Presidential Palace, Ras al Akhdar
Year: 2014
City: Abu Dhabi
Client: The Executive Committee for The Presidential palace

Contractor: Drake & Scull
Consultant: Evan
Products: ABS Submersible Sewage Pumps AS & Piranha
Focus: ABS Submersible Sewage Pumps AS

Introduction

The United Arab Emirates' new Presidential Palace is to be found on the Ras Al Akhdar peninsula adjacent to the Emirates Palace Hotel. Covering 150 hectares it assumes a built up area of over 160,000 square metres. This government office contains several VIP wings, a ministers' wing and a number of majlis and dining halls. In addition to a beautiful, majestic fountain courtyard, the common areas and ancillary buildings include a media hall and a press centre, a mosque, a public majlis and military accommodation. Further, this significant undertaking also comprises construction of a 6 metre high seawall, 2,000 metres in length.

Product & Application

For the new Presidential Palace, ARJ supplied and installed ABS submersible sewage pumps AS & Piranha for the waste water application.



RESIDENTIAL BUILDING **COMMERCIAL BUILDING** **INDUSTRY** **IRRIGATION** **MUNICIPAL SERVICES**

Project: DS130-Sewage Pumping Station H

Year: 2009

City: Dubai, UAE

Client: Dubai Municipality

Contractor: Nael Construction & Contracting

Consultant: Al Turath / AAW Consulting Engineers

Products: ABS Submersible Sewage Pumps AFP Series

Focus: ABS Submersible Sewage Pumps AFP

Introduction

Dubai Municipality pumping station H in Al Barsha near intersections 4 and 5 on the Sheikh Zayed Road pumps up to 2000 litres per second to Jebel Ali Sewage Treatment Plant and with the capability of doubling this output, the station consists an integral part of government strategy linking all of Dubai to the drainage network by the end of 2011.

Products & Application

ARJ Water Technology supplied and commissioned 400 kW AFP series pumps and 3 kW AS series pumps for Dubai Municipality's main sewage pumping station H.



RESIDENTIAL BUILDING **COMMERCIAL BUILDING** **INDUSTRY** **IRRIGATION** **MUNICIPAL SERVICES**

Project: Khumrah Effluent Pumping Station
Year: 2013
City: Jeddah
Client: National Water Company

Contractor: Al Muhaidib Contracting
Consultant: CDM Smith
Products: ABS Submersible Sewage Pumps AFP 8002
Focus: ABS Submersible Sewage Pumps AFP

Introduction

Mandated to transform Saudi Arabia's water and waste water infrastructure, the National Water Company has recently undertaken a project to overhaul Khumrah Effluent Pumping Station, serving the same Sewage Treatment Plant and subsequently Jeddah's population. Although the station has the capacity to allow for raw sewage, treated effluent from this plant is intended for reuse in irrigation. It is designed to collect all treated effluent from Khumrah STP's 1 to 4, and at a later stage STP 5. Effluent can also be discharged to the sea approximately 20 kilometres away with minimal impact on the environment. This pumping station is expected to be in operation in mid 2014.

Products & Application

For Khumrah Effluent Pumping Station, ARJ supplied ABS AFP pumps rated 800kW with duty points of 2,000 l/s at 30m head installed in wet wells. Each pump weighs 10.5 tonnes. They are presently the largest of their kind in the Kingdom of Saudi Arabia.



RESIDENTIAL BUILDING

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INDUSTRY

IRRIGATION

MUNICIPAL SERVICES

Project: Modification of existing pumping station MPS 8-(0-10740)

Year: 2013

City: Abu Dhabi

Client: ADSSC (Abu Dhabi Sewerage Services Company)

Contractor: Mabani Delma General Contracting

Consultant: MWH

Products: ABS Submersible Sewage Pumps AFP

Focus: **ABS Submersible Sewage Pumps AFP**

Introduction

Abu Dhabi's MPS8 pumping station located in Shahama is one of Abu Dhabi Sewerage Service Company's main terminal stations. The station is relatively old and it required refurbishment and an upgrade of flow capacities to accommodate higher incoming demand. The total flow of about 1680 l/s from the station towards the Wathba treatment plant is shared by two pairs of pumps, half through an existing DN700 line and half through a newly laid DN1000 line.

Products & Application

ARJ supplied and commissioned 4 ABS submersible sewage pumps AFP with 350 kW motors in a vertical dry installation, to replace carden shaft driven pumps. These radial discharge pumps were installed at an angle to suit the pipe work previously fitted at a tangent using a custom made adapte.



RESIDENTIAL BUILDING **COMMERCIAL BUILDING** INDUSTRY IRRIGATION MUNICIPAL SERVICES

Project: Four Seasons Resort Jumeirah
Year: 2014
City: Dubai
Client: Four Seasons Resort Jumeirah

Contractor: Trans Gulf
Consultant: Hyder
Products: Lowara e-SV & HMS Transfer Sets, e-SV booster Sets, CA Circulation Set, ABS Submersible Sewage Pumps XFP & AS
Focus: Lowara CA Centrifugal Pumps

Introduction

The highly anticipated Four Seasons Resort Dubai is to be located on the city's exclusive Jumeirah beach.

This is the company's first resort in the UAE and is due to open in the fourth quarter of 2014. The hotel will feature 237 rooms, including 49 suites, in addition to a prime beach-front location close to Sheikh Zayed Road and The Dubai Mall. With a 6,500 square foot ballroom to show off, the hotel is set to embody typical Four Seasons ethos, being "the best of destination and a service offering that is intuitive, warm and [which] exceeds expectations."

Products & Application

For the Four Seasons, ARJ supplied and installed Lowara HMS, e-SV and CA clean water pumps respectively for the purpose of transferring water from one tank to another, providing pressurised water on tap and hot water circulation. ARJ also supplied and installed ABS submersible sewage pumps XFP and AS for the waste water application.



RESIDENTIAL BUILDING

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INDUSTRY

IRRIGATION

MUNICIPAL SERVICES

Project: Teaching Staff Housing Project

Year: 2013

City: Riyadh

Client: Al Imam Mohammed Ibn Saud Islamic University

Contractor: Al Fouzan Trading & General Construction Co.

Consultant: TYPESA Consulting Engineers & Architects

Products: ABS XFP, Lowara FHF,

SPP Thrustream Split Case Pumps

Focus: Lowara FHF Centrifugal Electric Pumps

Introduction

Imam Muhammad Ibn Saud Islamic University in Riyadh, Saudi Arabia, was founded in 1953 and subsequently granted university status in 1974 by royal decree. The institution houses 11 colleges ranging from sharia to engineering, medicine, and language and translation. As of 2013 it offers courses to over 37,000 students taught by more than 2,800 academics.

Impressively, this university has a global network of intermediate and secondary Islamic institutes in the UAE, the USA, Indonesia, Malaysia, Djibouti and Japan.

Products & Application

For the university's staff housing, ARJ supplied ABS submersible sewage pumps XFP, the first pump with a submersible motor meeting the premium-efficiency IE3 standard, Lowara FHF pumps for the chemical flushing of the chilled water pipeline and SPP Thrustream horizontal split case chilled water pumps for chilled water circulation.



RESIDENTIAL BUILDING

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IRRIGATION

MUNICIPAL SERVICES

Project: New York University Abu Dhabi

Year: 2013

City: Abu Dhabi

Client: Mubadala Development

Contractor: BK Gulf

Consultant: WSP

Products: Lowara e-SV Booster Sets, ABS Submersible Sewage Pumps XFP & AS, ABS Piranha Submersible Grinder Pumps

Focus: ABS Submersible Sewage Pumps XFP

Introduction

New York University Abu Dhabi (NYUAD) first opened in the UAE in 2008 running public events; academic conferences, workshops, and performances. In 2010 it offered courses in the liberal arts and enrolled its first 150 students. The facility plays an integral part in an international axis that includes the same universities in New York and Shanghai.

2014 represents a move to a new site in the Marina district of Saadiyat Island, with a facility designed by Rafael Viñoly Architects, and built by Al-Futtaim Group Carillion.

Products & Application

For New York University Abu Dhabi, ARJ supplied and installed Lowara e-SV pressure boosting sets, ABS submersible sewage pumps XFP and AS, and ABS Piranha submersible grinder pumps for the waste water application.



RESIDENTIAL BUILDING **COMMERCIAL BUILDING** **INDUSTRY** **IRRIGATION** **MUNICIPAL SERVICES**

Project: ADFCA Farm Supply & Maintenance
Year: 2013
City: Abu Dhabi, Al Ain & Liwa regions, UAE
Client: Abu Dhabi Food Control Authority

Contractor: ARJ Water Technology
Consultant: Abu Dhabi Food Control Authority
Products: Lowara Z Series 6" Submersible Pumps, 6" Franklin Electric Submersible Motors & SubMonitor Controls
Focus: Franklin Electric SubMonitor

Introduction

The Emirate of Abu Dhabi contains approximately 80,000 water wells, many of which are used for the purpose of crop irrigation. Fresh water tables have dropped by as much as 5 metres per year and are now as deep as 400 metres requiring more powerful pumps to draw water from the ground. With this depletion in water resources Abu Dhabi Food Control Authority (ADFCA) has begun a re-education programme that encourages the efficient use of water and the maintenance of systems with an aim of extending the life of groundwater reserves and reducing water abstraction.

Products & Application

For the purpose of the efficient irrigation of farms in the Emirate of Abu Dhabi, ARJ Water Technology supplied efficient Lowara Z series 6" submersible pumps, 6" Franklin Electric submersible motors, and Franklin Electric SubMonitor voltage and temperature controls for pump and motor protection.



RESIDENTIAL BUILDING

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MUNICIPAL SERVICES

Project: The Avenues Mall
Year: 2012
City: Kuwait City
Client: Mabane Co. SAK

Contractor: Megatechnique
Consultant: Pan Arab Consulting Engineers
Products: Ebara EVMG & LPS Pumps, ABB Variable Frequency Drive, Centralised Water Heaters, Doha GRP Tanks.

Focus: LPS In-Line Centrifugal Electric Pumps

Introduction

Located close to the centre of Kuwait City, The Avenues has set a benchmark for high quality retail in the region and is the arguably its premier shopping, lifestyle and entertainment destination. This enormous scheme takes reference from the great cityscapes and retail locations around the world and reflects many of the building styles in North America, Europe and the Middle East.

Product & Application

Positioned above the exclusive fashion outlet Harvey Nichols in the Grand Avenue section of the mall, ARJ General Trading has, for the comfort of the exclusive London based store's shoppers, supplied and installed Ebara EVMG triplex booster sets controlled by an ABB variable frequency drive, 18kW Centralised commercial water heaters of 120 gallon capacity, Ebara LPS duplex circulation pump sets and control panels, and Doha GRP tanks for the hygienic storage of water.



RESIDENTIAL BUILDING	COMMERCIAL BUILDING	INDUSTRY	IRRIGATION	MUNICIPAL SERVICES
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Project: The Wave
 Year: 2008-2009
 City: Muscat, Oman
 Client: Oman's Waterfront Investment (SAOG)

Contractor: Al Turki Enterprises
 Consultant: W. S. Atkins
 Products: ITT Lowara FHE and CA Booster Sets
 Focus: **FH Series**

Introduction

The Wave plans upon completion in 2012, to be a mesmerizing new development on the Sultanate of Oman's shoreline. The Wave combines more than 4,000 beautiful properties, a 300-yacht berth marina, Greg Norman signature golf course, three premier hotels and new retail, leisure and dining opportunities at a bewitching seafront address. This is the first integrated resort and residential development to be undertaken in the greater Muscat region.

Products & Application

ARJ supplied and installed FHE 11KW and CA 1.5KW ITT Lowara booster sets comprising of 1 duty and 1 standby pump complete with a control panel designed to work in tandem with the irrigation systems that operate the sprinklers used for landscaping.



RESIDENTIAL BUILDING **COMMERCIAL BUILDING** **INDUSTRY** **IRRIGATION** **MUNICIPAL SERVICES**

Project: Masdar Institute of Science & Technology (MIST)
Year: 2009
City: Abu Dhabi, UAE
Client: Abu Dhabi Future Energy Co. (Masdar)

Contractor: STS Abu Dhabi Electro – Mechanical
Consultant: Parsons Brinckerhoff Middle East Ltd
Products: Lowara SV Booster & Transfer,
Z6 Borehole & FC-FCT Centrifugal Pumps

Focus: Lowara FC-FCT Centrifugal Pumps

Introduction

The Masdar Institute is a private, not-for-profit, independent, research-driven institute developed with the support and cooperation of the Massachusetts Institute of Technology (MIT) in the United States. The Masdar Institute offers a number of programmes in science and engineering disciplines, with a focus on advanced energy and sustainable technologies. This new institute aims to establish linkages with government and industry, both within the region and internationally, in order to promote the use of innovative technologies and the education of a wider audience.



Products & Application

In what is arguably the world's largest alternative energy project, Masdar City, ARJ supplied and installed Lowara SV booster and transfer sets for residential water applications, Z6 stainless steel borehole pumps for deep well and irrigation usage and FC series circulation pumps for chilled water.





United Arab Emirates

Head Office

ARJ WATER TECHNOLOGY L.L.C.

Level 1, Ahmed Ramadhan Juma / ARJ 1 Building
Sheikh Zayed Road, Between 2nd & 3rd Interchange
Next to Natuzzi Showroom and Near 4x4 Motors.
Al Quoz 3, Dubai, United Arab Emirates.
Telephone: +971 4 338 9922 / 3047 400
Fax: +971 4 338 9933, P.O.Box 2574.
E-mail: salesuae@arjgroup.com

Retail Sales

ARJ Water Technology - Sheikh Zayed Road Showroom:

Sheikh Zayed Road, Between 2nd & 3rd Interchange
Next to 4x4 Motors and Near Natuzzi Showroom.
Al Quoz 3, Dubai, United Arab Emirates.
Telephone: +971 4 3381160, Fax: +971 4 3381170.

ARJ Water Technology - Dubai New Souq Showroom:

Shop #1, Al Burj Street, Opposite 9C Street
Next to Mount Royal Hotel
Deira, Dubai, United Arab Emirates.
Telephone: +971 4 227 2552, Fax: +971 4 227 5662.
P.O. Box 2574

ARJ Water Technology - Dubai Old Souq Showroom:

Shop #4, Royal Creek Hotel Building, Al Kabeer Street (Street 22)
Souk Murshid, Close to Bank Melli Iran.
Deira, Dubai, United Arab Emirates
Telephone: +971 4 2267 130, Fax: +971 4 226 7581.
P.O. Box 2574

ARJ Water Technology - Abu Dhabi Showroom:

Shop #1, 9th Street, Opposite Starbucks and
Close to Saif Bin Darwish Mosque, Between Fatima Bin Mubarak and
Sheikh Zayed Street, Al Danah Area
Abu Dhabi, United Arab Emirates
Telephone: +971 2 672 2029, Fax: +971 2 672 2028.
P.O. Box 27378.

ARJ Water Technology - Al-Ain Showroom:

Shop #38, Al Ain Sanaiya Road / 118th Street
Next to Al Ain Class Motors / Near Sultan Bakery
Al Ain, United Arab Emirates
Telephone: +971 3 721 1949, Fax: +971 3 721 6949
P.O. Box 16270

ARJ Water Technology - Dhaid Showroom:

Shop #1, Sheikh Faisal Building, Dhaid Main Street - E55
Opposite Mashreq Bank, Between Dhaid Main Street two Roundabouts
Dhaid, Sharjah, United Arab Emirates
Telephone: +971 6 882 2597, Fax: +971 6 882 8597.

Project Sales

ARJ Water Technology - Dubai Projects:

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Telephone: +971 4 338 1160, Fax: +971 4 338 1170.

ARJ Water Technology - Abu Dhabi Projects:

Office No. 03, Mezzanine Floor, Al Salam - C112
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Between Fatima Bin Mubarak and Sheikh Zayed Streets
Al Danah Area, Abu Dhabi, United Arab Emirates
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Next to Al Ain Class Motors / Near Sultan Bakery
Sanaiya, Al Ain, United Arab Emirates
Telephone: +971 3 721 1949, Fax: +971 3 721 6949
P.O. Box 16270

Service / Workshop

ARJ Water Technology - Factory:

36C Street, Off Nad Al Hamar Road and 23rd Streets
Opposite Dubai Auto Market, Ras Al Khor Industrial Area 2
Dubai, United Arab Emirates
Telephone: +971 4 333 1524, Fax: +971 4 333 0405
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Customer Support

Toll Free: 800 5862 (JUMA)

Kingdom of Saudi Arabia

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Projects and Retail Sales

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Batha, Riyadh 11341, Saudi Arabia
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AHMED RAMADHAN JUMA SONS TRADING CO. L.L.C - Dammam Showroom:

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Near Hotel Novotel, AlKhalidiyah
Dammam 31952, Saudi Arabia
Telephone +966 13 859 5800, Fax +966 13 859 6098.
P.O.Box 70280

AHMED RAMADHAN JUMA SONS TRADING CO. L.L.C - Jeddah Showroom:

Shafiq Al Turki Building, Al Baladiya Street,
Opposite Suhaili Center #2, Aziziya District
Jeddah 21312, Saudi Arabia
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Sultanate of Oman

Head Office and Projects:

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Retail Sales

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Ahmed Ramadhan Juma Sons & Partners Co. L.L.C. - Sohar Showroom:

Shop #3, Al Hambar Building, Street 3
Al Hambar Street Plot No.3 Block No. 3238
Opposite to Nawras showroom and Next to HSBC Bank
Al Hambar, Sohar, Sultanate of Oman.
Telefax: +968 2684 3653.
P.O.Box 3566

Ahmed Ramadhan Juma Sons & Partners Co. L.L.C. - Salalah Showroom:

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Next to Haffa House, Opposite Labor Court
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State of Kuwait

Head Office

ARJ GENERAL TRADING CO. W.L.L. - Kuwait

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Email: saleskuwait@arjgroup.com

Retail Sales

ARJ GENERAL TRADING CO. W.L.L. - Kuwait City

Khalifa Jassem Street, Next to Ali Al Ghanim & Sons
Kuwait City, Kuwait.
Telephone: +965 2482 5193, Fax: +965 2482 5194.
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ARJ GENERAL TRADING CO. W.L.L. - Kuwait City

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