



إيه ار جيه الهندسية ش.ذ.م.م  
ARJ ENGINEERING LLC



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ARJ ENGINEERING LLC

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**ARJ Engineering**  
Delivering Excellence

[www.arj-engineering.com](http://www.arj-engineering.com)



## Client Testimonials

“ On the completion of MEP works by ARJ Engineering, we write with great pleasure that the engineering, installation quality and performance of Electromechanical systems of the company have exceeded expectations on all levels. Here's hoping ARJ Engineering continues to set benchmarks for all future projects. ”

**Belhasa Eng. & Cont. Co. (L.L.C)**



“ ARJ Engineering's team exhibited good planning, coordination, safety and quality workmanship for our project, Al Waleed Paradise in Jumeirah Lake Towers Dubai. Your dedication, commitment and professional approach, which helped us in timely completion of the project is greatly appreciated. ”

**Eng. Adnan Saffarini**

“ We place on record our sincere appreciation for ARJ Engineering team's efforts in successfully completing the MEP works and playing a vital part in the project receiving the GOLD LEED certification from EHS. Your support has been invaluable. ”

**Ishraqah For Development Ltd.**



“ It is with great pleasure that we write this letter to express our thankfulness to M/s. ARJ Engineering for the successful execution of HVAC and BMS works at Panalpina Distribution Center, Dubai. M/s. ARJ Engineering had accomplished the above works with high quality and safety standard; they have demonstrated sufficient resources required together with qualified technical and managerial staff to complete their scope. ”

**Amana Steel Buildings Contracting LLC**

“ We would like to take this opportunity to appreciate the efforts of the main contractor M/S G&B in completing this project along with your full coordination and cooperation with the MEP sub contractor M/S ARJ and all other subcontractors and suppliers. We wish you all the best for your future projects and hoping to work with the same team in future projects. ”

**Design & Architecture Bureau (DAR)**



“ We share our appreciation on successfully completing the Swiss Scientific School Primary Block Project before time. The technical assistance on the “Design & Build” fast track project has been excellent. There was total involvement of both the site and the Head Office Management in addressing and complying with Minergie Standards. We found the site team highly responsive, engaging and covered all aspects of planning, cleanliness, safety, site co-ordination particularly during finishes and speed

of action. Against the demanding time schedules and the constraints, we thank you for completing the MEP works which enabled the School open on time. We are happy to recommend your MEP works and wish you the best. Look forward to engaging you in our future projects. ”

**Al Ahmadiyah Contracting & Trading**



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## ARJ Engineering

Upholding the hallmark of quality since 1964, ARJ Engineering is the region's most trusted integrated engineering solutions provider. We offer technical and industry-specific expertise that is best in class, and take pride in the reliability of our services and cost effective propositions without compromising on building standards for the construction industry.

ARJ Engineering takes pride in the following six major verticals:

- **MEP** (Mechanical, Electrical and Plumbing)
- **HVEM** (Horizon Ventilation Equipment Manufacturing)
- **Switchgear**
- **Green Power**
- **Facilities Management**
- **Alfaduct** (Busbar Trunking System)

Together, we create value, deliver innovative solutions and contribute towards creating a sustainable, healthy and safe environment.

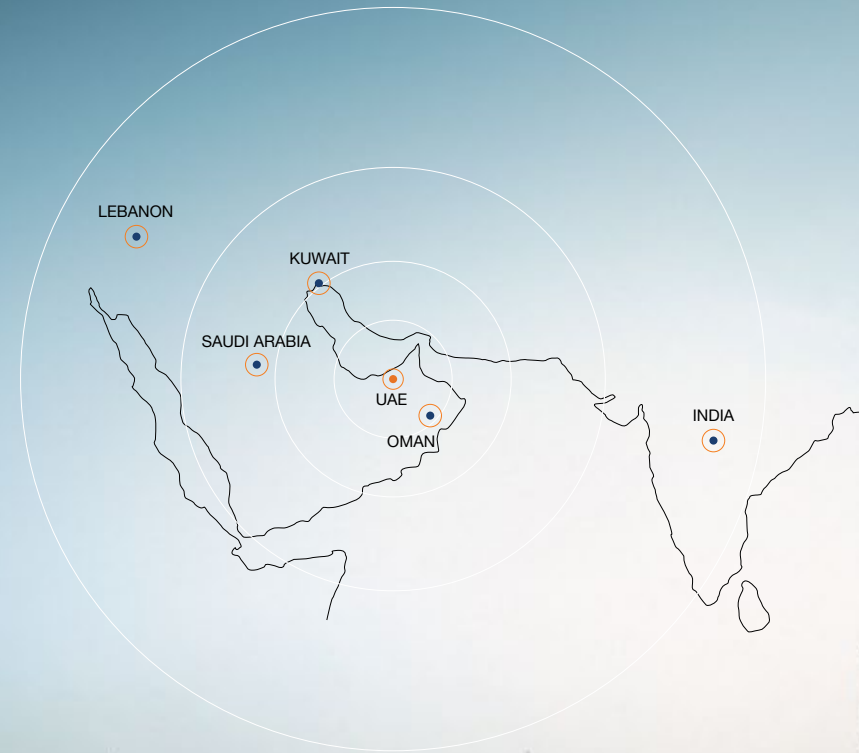


## ARJ Holding

From transforming lives to harnessing water and electric power, ARJ Holding has been a name to reckon with since 1964. Reflecting the values of the Group's founder, ARJ Holding believes addressing the growing essential needs of human beings through innovative quality products and excellent service. Social responsibility, transparency, conducting fair business and succeeding together are the guiding principles for seeking new opportunities. Coming a long way since its inception, the Group has successfully scaled up its operations and scope in the last decades to diversify and expand beyond the region.

A multinational powerhouse of over 2,500 employees, ARJ Holding today is one of the prominent business houses in United Arab Emirates, representing leading brands, serving government entities and large corporates. The Group aims to be the leader in GCC and beyond with four major focus areas — Trade, Power, Life & Green. Encompassing a varied portfolio that includes Building and Engineering Services, Manufacturing, Water Management Technologies, Property Development, Renewable Energy Systems, Hospitality, F&B, Health & Wellness, Marketing Communications, Education, Fashion & Retail.

Headquartered in Dubai, UAE with offices in 20 markets across 6 countries — UAE, Lebanon, Oman, Saudi Arabia, Kuwait and India, ARJ Holding is growing from strength to strength, delivering consistent quality and setting new standards in excellence.



Ahmed Ramadhan  
Juma Est.

1964

ARJ  
General Trading

ARJ  
Real Estate

1971

1972

ARJ Water  
Technology  
Al Awtan Trading  
Enterprises

Oman Coast Marketing  
Enterprises

1977

1980

Al Aweer  
Trading  
Ahmed Ramadhan  
Juma Sons & Partners

Ahmed Ramadhan  
Juma Factory

1981

1996

Emirates  
Builders

1998

ARJ  
Engineering

2002

Essham Securities

ARJ Holding  
ARJ Properties  
Tulipa Landscaping  
HVEM

2005

2007

Alfaduct

2010

ARJ  
International

2013

La Verda Suites & Villas  
Jalapeño Marketing  
Management  
Learning Wings  
Education Systems

2015

Agora Mall

2017...



“ We never quit. ”

**Ahmed Ramadhan Juma**  
Founder - ARJ Holding

ARJ Holding, the business empire it is today, started as one man's vision to transform lives. The Group's founder, Mr. Ahmed Ramadhan Juma, envisioned a progressive society built on the rock solid foundations of modern engineering and took the first steps by setting up a water pump business, way back in 1964. The escalated growth and rapid diversification in the years to follow is a testimony to his keen foresight and business acumen.

With the company's foray into the building and construction sector, he earned considerable support and admiration for being an active contributor towards the country's growth and for channeling business with prudence.

Fondly remembered for his humility, high moral values and sense of social responsibility, Mr. Juma's principles and business ethics are put into practice till date and are at the very core of ARJ Holding's operations.



“ At its heart, engineering is about using science to find creative and practical solutions. ”

**Shahab A.R. Juma**  
Chairman - ARJ Holding

ARJ Engineering, part of ARJ holding Group, with a presence of over four decades in the region, was actively involved in meeting the rising demand for water (pumps and its distribution). Over the last decade we have expanded our business rapidly towards integrated engineering solutions, offering comprehensive products and services in the building construction sector, enabling our clients to experience and enjoy our “Delivering Excellence”.

Our success is in maintaining excellent relationships with all our clients & associates and working for mutual benefit in the most ethical and transparent manner. We are now a major player across GCC and aspire to explore new horizons in the coming years.

Our pride and strength are our employees. Though from different origins and dialects, they are focused and oriented to serve the customer with the best - first time and every time.

I thank all our business associates who are a part of our growth and accomplishment.

Thank you





**Mohammed Juma**  
Vice President

Decades of service can seem like a long time, but for us at ARJ Engineering, it seems like minutes.

As we continue to grow, our excitement in being a part of building our country, our homes, and our communities has flourished as well. We are as proud of our mega projects as we are of our smaller ones that contribute to the betterment of every person's life.

Our reward? It's very simple. The continuous support and trust put into us by our clients, our suppliers and from within by our hard working and humble team members.

Today, I am very proud to oversee the evolution of our company, the diversification of our disciplines, and our global reach. I marvel at my father's vision for this company and its intertwining growth with the country's own advancement.

We pledge to strive and bring the best minds, find the newest technologies and the best tools to do even greater things in the future.



**Faris Juma**  
Vice President & CSDO

"This company was built before I was born and I am privileged to see its growth from childhood till now. I still remember my father bringing me to the factory and offices, and the faces that used to greet me there. Some of them are still here today, as part of the company, as part of our family.

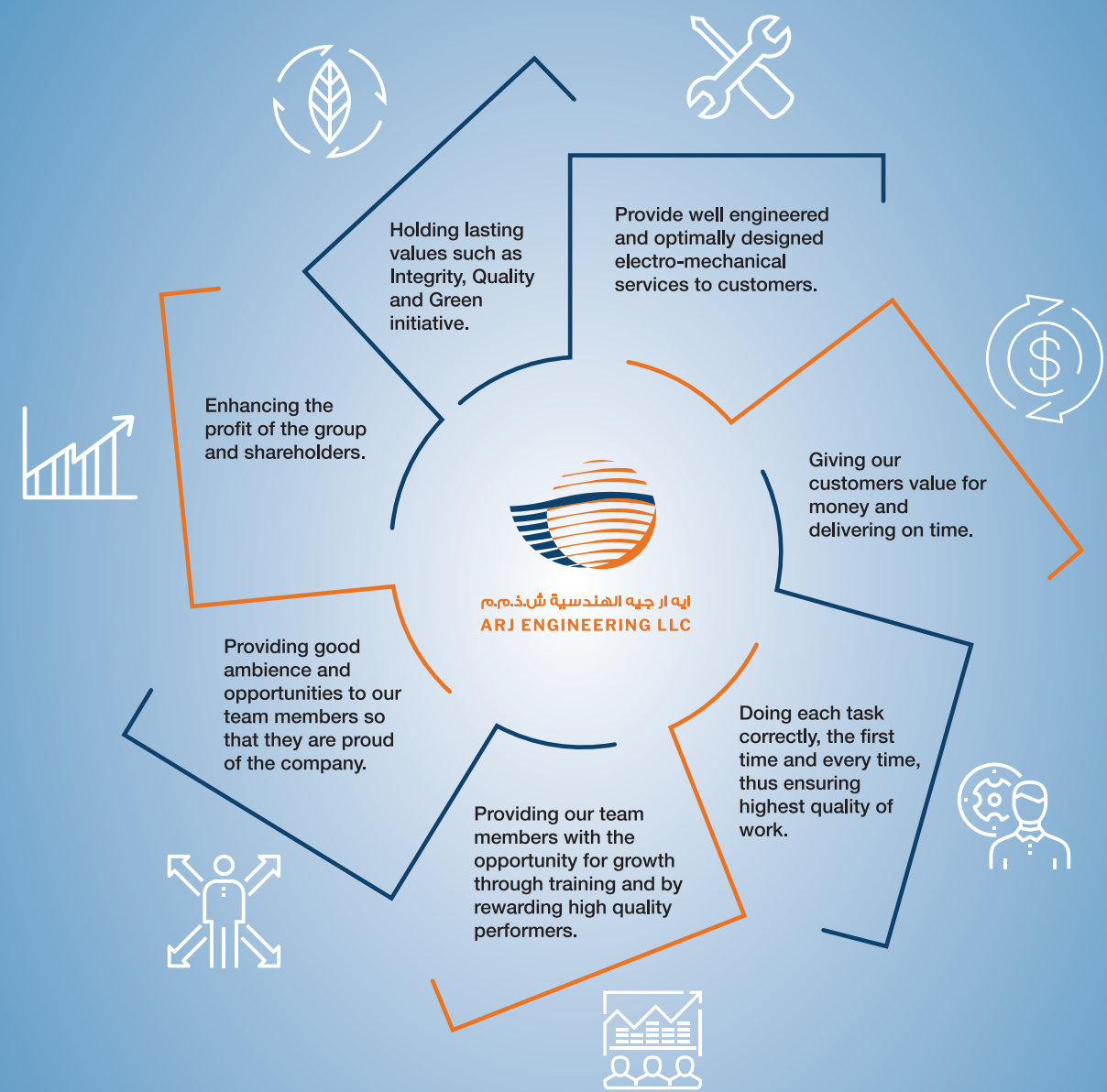
Today, our family's vision is in good hands. With the finest experts in the engineering field to outstanding customer service providers, we are pleased to be the relied choice for the UAE and the entire region when planning their projects.

Together, we forge new paths and leave our imprint in the excellent projects we undertake. From the largest to smallest, each of our projects are approached with the professionalism and respect they warrant.

Today I bring my children here with me and show them the factories and offices and introduce them to our team. That is the thing about family businesses, they are treated as part of the family and nurtured the same way."



Mission Statement /  
Quality Objectives



The employees of ARJ Engineering L.L.C recognize the importance of greater awareness in maintaining the highest quality standards during execution of its work.

ARJ Engineering Management is committed to providing quality services in design, planning, execution, pre-commissioning, commissioning & start-up for MEP works covering HVAC, electrical, plumbing, fire alarm, fire fighting systems and for maintenance operation.

ARJ Engineering is committed towards providing the highest quality services within the agreed timeline to surpass the expectation of our customers and prevent any occupational health, safety and environmental hazard risks associated with our work.

The company also inculcates beliefs across all employees who drives behavior and eventually the business.

- We strongly believe in:
- Training and development
  - Transparency
  - Teamwork
  - Rewarding positive influence
  - Fulfilling each commitment

ARJ Management recognizes the fact that the same can only be achieved when all the associated activities are planned and controlled by a comprehensive Quality Assurance System.





## Corporate Social Responsibility



Sustainability is a fundamental part of our business activities. We are committed to improve the quality of life for our employees, their families and the communities in which they live. We also support a wide range of environmental, voluntary and social projects.

### **Environmental responsibility is a key element in making ARJ Group a sustainable business**

We have an impact on the environment in many ways through the resources we use, the way we operate, the waste we generate and the products we manufacture, trade and deliver.

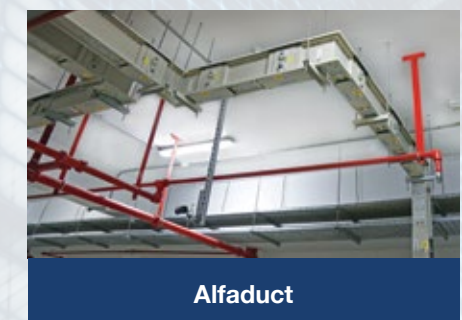
The recycling and reuse of materials is a fundamental element of what we do. This will help us provide enhanced solutions and services for our customers as well as reducing our impact on the environment.

We use less power consuming lighting systems and electrical gadgets in our projects and advise our clients, consultants and partners to do the same. We are now promoting solar energy to be the future energy alternative, and in our work we implement green building concepts in line with the requirements of the US Green Building Council and Estidama, an initiative meaning 'sustainability' in Arabic that was developed to achieve the late Sheikh Zayed bin Sultan Al Nahyan's dream of creating a more sustainable future.





## ARJ Engineering major divisions







“It is not the beauty of a building that matters alone; it’s also the way we bring life into the building to make it habitable.”

MEP



MEP



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MEP

## MEP - Turnkey mechanical, electrical and plumbing solutions

At the helm of ARJ Engineering's core competencies is the MEP division, providing leading edge electromechanical solutions for a wide portfolio of construction projects ranging from residential and commercial buildings to educational institutions and industrial facilities. With over a decade of being operational as the foremost engineering service provider for the building and construction industry, ARJ's MEP division has maintained a stellar track record in all deliverables.

A strong local presence, supported by a team of globally competent engineers and a suite of cutting-edge technical solutions has made ARJ MEP the preferred provider for some of the region's landmark projects worth over AED 1 billion. Due to their exemplary performance, the MEP division has been rewarded with repeat contracts, considering their impeccable track record of fulfilling every contract commitment.

In sync with the Group's vision of being one of the leading MEP contractors in the Middle East and beyond, ARJ MEP places utmost emphasis on delivering engineering excellence and quality. Following highest business standards and ethics to achieve clients goals and their satisfaction and extending the client-contractor relationship to a trusted partnership are the ethos of the Group. Motivated, committed and satisfied employees, whose long tenure is proof of the company's motto to train, nurture, recognize and retain talent is the key to its success in delivering complex set of engineering solutions.

Our areas of MEP expertise can broadly be divided into:

Mechanical  
Electrical  
Plumbing

ARJ ENGINEERING



A photograph of industrial machinery, likely a water treatment or manufacturing plant. Several large blue electric motors are mounted on a grey metal frame. Above the motors are large, silver, cylindrical ducts or pipes. The background is a blue wall with white line art depicting mechanical components. The image is overlaid with a dark blue semi-transparent rectangle on the left and a vertical dark blue bar on the right.

**Mechanical**

MEP



## Mechanical

Catering to a diverse portfolio of projects across varied sectors, our mechanical engineers have deep knowledge and the requisite experience to design effective solutions that strike the right balance between performance and cost. For all your mechanical requirements our competent engineers can provide you with assessments, recommend alternatives and work with you to design efficient systems tailored to your needs.

Our mechanical expertise covers:

### Heating, Ventilation and Air Conditioning (HVAC)

We offer an all-encompassing HVAC assistance right from revisiting the parameters considered during the initial design stage to optimizing the plant capacity, choosing the right system and integrating various components to achieve the best overall system efficiency.

Our association with leading product manufacturers offers a wide range of equipment from ducted split units to high-end Water-cooled / Air-cooled centrifugal or screw chillers. This combined with our engineering expertise on system design and quality installation ensures our clients enjoy an optimally designed system, right from initial investment to running costs.



- Chiller System (Water-cooled / Air-cooled)
- Split / Ducted Air Conditioning System
- Variable Refrigerant Flow System (Indoor & Outdoor)
- District Cooling System
- Ventilation Systems
- Pressurization Systems (Staircase, Lift Lobby & Corridor)
- Smoke Extract System
- Building Management System



## Fire Protection Systems

With ever increasing challenges to detect and suppress fire in buildings, our team of fire and safety engineers work closely with specialists to identify potential risks considering the nature of building materials, occupancy pattern, hazard classification, etc., to design a quick detection and effective fire protection system in strict adherence to local civil authority guidelines and NFPA standards.

We choose from a combination of various fire protection devices to protect the occupants and assets in the event of fire and minimize damage.

- Wet Riser and Dry Riser
- Fire Pumps
- Portable Fire Extinguishers
- Fire Hydrants
- Clean Agent System
- Foam Deluge System
- Pre-action Sprinkler
- Deluge Valve System



## LPG System

As a specialized MEP service provider, we offer installation and maintenance of both Centralized and Standalone LPG Systems, in line with local regulations and international safety standards like NFPA 54, 58, NPGA, etc. Our engineers and technicians undergo periodic safety training and are skilled at undertaking turnkey projects, right from the design to obtaining approvals from civil defense, execution and operations.







Electrical

MEP



## Electrical

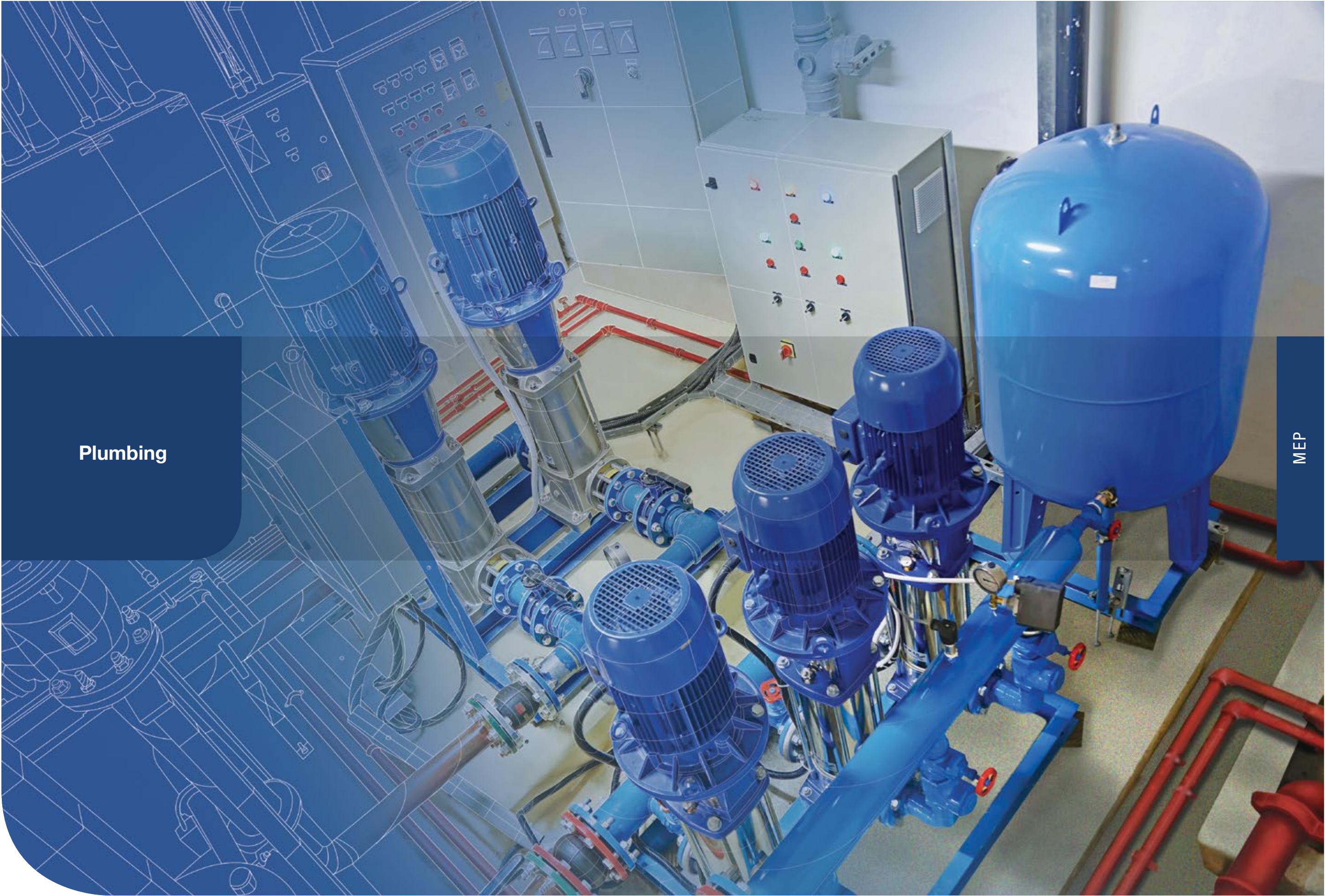
Electrical system designs are evolved taking into consideration the end-user's facility requirements, operational safety and a high level of fault protection.

An accurate selection of electrical components like ratings of incoming and outgoing ACB/MCCB, Over Load Relays, Tripping Devices, Fuses, etc., and a well-designed system of earthing & lightning protection coupled with quality installation ensure a well-functioning facility while guaranteeing the safety of end-users.



- Power & Lighting
- BMS System
- Earthing & Lightning Protection
- Fire Alarm System
- Telephone System
- Central Battery System
- CCTV System
- Voice Evacuation System
- SMATV / MATV System
- Background Music System
- Access Control System
- Lighting Control System
- Public Address System
- Aircraft Warning System
- Audio / Video Intercom System





Plumbing

MEP



## Plumbing

Essential for all facets of living - water supply and efficient drainage, needs expertise on many levels. Our plumbing engineers carefully study the building, its utility and project objectives to propose solutions that integrate well with the overall facility requirements and adhere to international and local standards.

Our solutions in the right storage and distribution of water and the selection of final fixtures go a long way in developing a sustainable environment meeting LEED and Green Building norms.

End user requirement and consumption pattern is also taken into consideration in order to facilitate adequate availability and distribution of water.



MEP

### Water Supply

- Portable Water Distribution including GRP Tanks & Pumps
- Potable Water Network including Transfer & Booster Pumps
- Standalone & Solar Water Heaters
- Centralized Hot and Cold Water System
- Water Filtration System



### Drainage/Irrigation/Water Treatment

- Soil, Waste & Vent Drainage System
- Condensate Water Collection
- Rain Water System
- Irrigation
- Grey Water System
- RO System
- Kitchen & Lab Waste Water System





## Comprehensive MEP Services

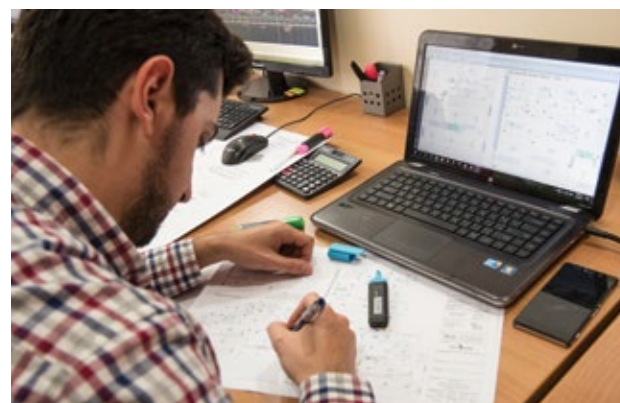
Our MEP services aim to help your projects right from conceptualization to completion backed by our talented team that consists of qualified design engineers with years of experience in planning and executing projects. These projects then undergo precise commissioning, testing and balancing under the supervision of our trained engineers.

### Design

Our qualified design engineers are skilled in every aspect of MEP design ranging from new construction projects to existing systems renovations & upgrades.

### Project Planning & Execution

Aided by the latest software tools and technology, our highly trained workforce achieve precision in planning and perfection in installations, taking your project from start to finish in the most seamless manner.



MEP

### Commissioning and Meticulous Testing & Balancing

In order to achieve the design intent, measure project effectiveness and bring out optimal performance, we have a holistic approach to commissioning, testing and balancing.

### Assembly & Distribution

Our reputation for timely delivery of projects has been made possible by backward integration of the division's other units, namely 'HVEM' for the complete air distribution requirement and 'Switchgear Unit', where the entire range of LV Switchgear is assembled.

### Facilities Management

In order to achieve the design intent, optimise performance of MEP installations, our Facilities Management division strategically help our clients have their assets functioning at near-new conditions with well-maintained equipment and systems that reduce breakdowns and increase the life cycle.



Our commitment to meeting your project requirements and goals stems from the partnership we establish with our clients and by synergising the best practices in MEP engineering.



# MEP Projects



**La Verda Suites & Villas**  
Dubai Marina



**La Verda Suites & Villas**  
Dubai Marina

**Client:** ARJ Properties  
**Consultant:** WS Atkins  
**Main Contractor:** MESC  
**Completion Year:** 2015



**Radisson Blu Hotel**  
Dubai Marina  
B+G+20+Roof

**Client/Owner:** ABYAAR Dev  
**Consultant:** KEO/BHNS  
**Main Contractor:** MESC  
**Completion Year:** 2007



**Galleries Lafayette**  
Dubai Mall, Dubai

**Client/Owner:** French Dept. Stores  
**Consultant:** Socotec Liban  
**Main Contractor:** Ashtaar Interiors  
**Completion Year:** 2010



**Greece Cluster, 31 Buildings**  
International City, Dubai  
G+4+Roof & G+3+Roof

**Client/Owner:** NAKHEEL  
**Consultant:** ACE International  
**Main Contractor:** Gammon & Billmoria  
**Completion Year:** 2007



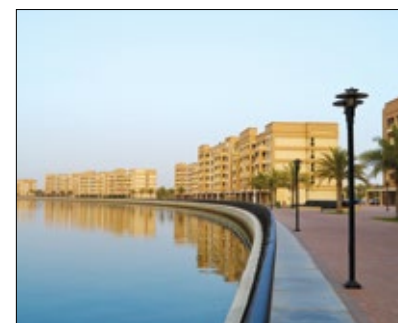
**4 Buildings**  
Al Nahda, Dubai  
B+G+12+Roof

**Client/Owner:** DIRE M/S Dubai  
International Real Estate  
**Consultant:** Al Fahidi Consultants  
**Main Contractor:** Bin Zayed Cont.  
**Completion Year:** 2009



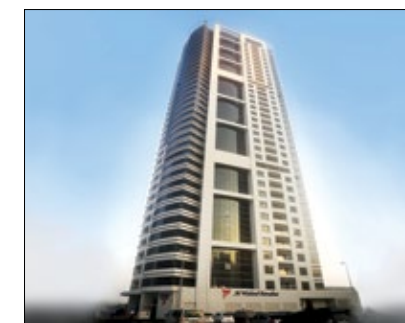
**Autumn Cluster** (LEED Certified)  
Seasons Community, Dubai  
B+G+4+Roof - 2 Buildings

**Client/Owner:** Seasons Dev.  
**Consultant:** Dimensions Engg.  
**Main Contractor:** Bin Shafar Cont.  
**Completion Year:** 2013



**20 Buildings**  
Mina Al Arab, RAK

**Client/Owner:** RAK Properties  
**Consultant:** Shankland Cox  
**Main Contractor:** AAA/DTC/AGTC  
**Completion Year:** 2012



**Al Waleed Paradise**  
JLT, Dubai  
3B+G+33+Roof

**Client/Owner:** Al Waleed Real Estate  
**Consultant:** Adnan Saffarini  
**Main Contractor:** Al Faraa Cont.  
**Completion Date:** 2007



**Emirates Bank**  
Al Nahda, Dubai  
2B+G+P+25+Roof

**Client/Owner:** Emirates Bank PJSC  
**Consultant:** DAR / IBA  
**Main Contractor:** Gammon & Billmoria  
**Completion Year:** 2009





**3B+G+20+Roof at sector 36  
2 Buildings**  
Abu Dhabi

**Client/Owner:** HH Sheikha Wadima  
Al Nahyan  
**Consultant:** Hannover Cons.  
**Main Contractor:** SS Lootah Cont.  
**Completion Year:** 2009



**Residential Building**  
3B+G+M+3+Roof  
Hor Al Anz, Dubai

**Client/Owner:** Belhasa International  
**Consultant:** Refaat Mostafa  
**Main Contractor:** Belhasa Engg.  
**Completion Year:** 2014



**ARJ Head Office**  
Sheikh Zayed Road, Dubai

**Client/Owner:** ARJ Properties  
**Consultant:** Access Engg.  
**Main Contractor:** MESOC  
**Completion Year:** 2006



**Medical Incinerator Plant**  
Dubai

**Client/Owner:** Dubai Municipality  
**Consultant:** Space Consultant  
**Main Contractor:** ETA Zenath  
**Completion Year:** 2009



**Sapphire Building**  
G+8+Roof  
DSO, Dubai

**Client/Owner:** ARJ Properties  
**Consultant:** Al Fahidi Engg.  
**Main Contractor:** Bin Shafar Cont.  
**Completion Year:** 2011



**Belhoul Hospital Extension**  
Dubai

**Client/Owner:** Belhoul Hospital  
**Consultant:** Nutek Engg.  
**Main Contractor:** Gulf World Con.  
**Completion Year:** 2011



**Swiss Scientific School**  
(Compliance to Swiss Minergie Standards) Primary Block, Dubai

**Client/Owner:** Swiss Educ. Partners  
**Consultant:** WME Consultants  
**Main Contractor:** Al Ahmadiyah Cont.  
**Completion Year:** 2015



**Kings School Dubai**  
Umm Suqeim, Dubai

**Client/Owner:** King's School Dubai  
**Consultant:** M/S Dubai Consultants  
**Main Contractor:** M/S ANC Contracting  
**Completion Year:** 2013



**Higher College for Men**  
Dubai

**Client/Owner:** M/S Dubai Municipality  
**Consultant:** Dar Al Handshah  
**Main Contractor:** Ali Moosa Cont.  
**Completion Year:** 2007



**3B+G+M+3 Office Building**  
Airport Rd. Dubai

**Client/Owner:** Mr. Saeed Ghobash  
**Consultant:** Badri & Bensouda/  
M/S KTA Associates  
**Main Contractor:** Belhasa Engg.  
**Completion Year:** 2010



**Dubai Police HQ**  
Al Ghusa, Dubai

**Client/Owner:** Dubai Police  
**Consultant:** Al Fahidi Engg.  
**Main Contractor:** Construction  
& Building Engg.  
**Completion Year:** 2009



**Dubai Customs**  
Port Rashid, Dubai

**Client/Owner:** Dubai Customs  
**Consultant:** Bel-Yoahah  
**Main Contractor:** System Const.  
**Completion Year:** 2010



**HDS Business Center**  
3B+G+41+Roof  
Jumeirah Lake Towers

**Client/Owner:** Baraq Holdings  
**Consultant:** National Engg Bureau  
**Main Contractor:** Larsen & Toubro  
**Completion Year:** 2011



**Coral Tower**  
B+G+3P+16+Roof  
Business Bay, Dubai

**Client/Owner:** Emirates National  
Investment  
**Consultant:** M/S Al Suweidi Engg.  
**Main Contractor:** M/S OST Const.  
**Completion Year:** 2015



**ENI Shams Tower**  
B+G+2P+27+Roof

**Client/Owner:** M/S Emirates National  
Investment  
**Consultant:** Al Suweidi Engg.  
**Main Contractor:** Emirates Belbadi Cont.  
**Completion Year:** 2016



**G+2 Labor Accommodation**  
Jebel Ali, Dubai

**Client/Owner:** Mr Saleh Lootah  
**Consultant:** Arcan /High Art  
**Main Contractor:** Ali & sons Cont.  
**Completion Year:** 2007



**G+M -32 Warehouses**  
Al Quoz, Dubai

**Client/Owner:** Mr Ahmed Belhasa  
**Consultant:** Access Engg  
**Main Contractor:** Ali & sons Cont.  
**Completion Year:** 2007



**Factory Block & Office Building**  
(LEED Certified) Jebel Ali, Dubai

**Client/Owner:** ArcelorMittal  
**Consultant:** A to Z Consultant  
**Main Contractor:** ANC Contracting  
**Completion Year:** 2013





“Engineering is achieving function while avoiding failure.”

**HVEM**

Horizon Ventilation  
Equipment Manufacturing



HVEM



أحمد رمضان جمعة  
AHMED RAMADHAN JUMA  
HVEM

## Horizon Ventilation Equipment Manufacturing - HVEM

Supporting our operations in all aspects, ARJ Engineering's Horizon Ventilation Equipment Manufacturing (HVEM) unit produces galvanized iron and pre-insulated ducts and accessories used in the HVAC industry. Adhering to best quality and stringent international industry standards, the production facility at Horizon is equipped with the latest precision equipment including a CNC auto coil line and plasma machinery to facilitate high quality product within a short delivery period, ensuring client satisfaction and repeat business.

### HVEM highlights:

- Deliver assembled and ready-to-install ducts to site
- High production rate with consistent quality
- Wide range offered from single source meeting SMACNA / DW142, 144 Standards
- Standardization of ducts & accessories
- Zero down-time on site installation
- Computer-aided production machinery

HVEM





ARJ Engineering's HVEM product line includes a broad spectrum under the following categories:

### Square & Rectangular Ducts

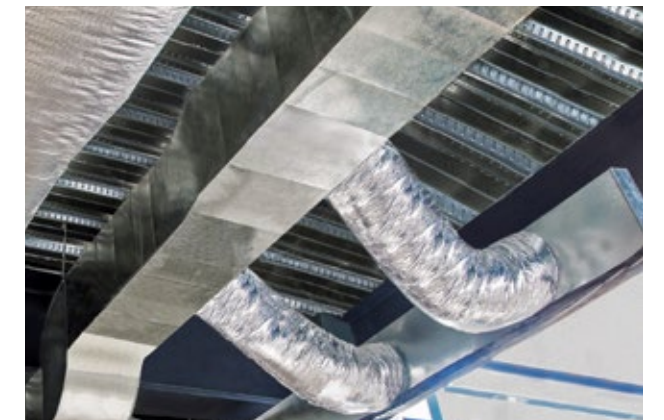
- Galvanized Iron
- Fire-rated
- Pre-insulated
- Mild Steel

### Duct Fittings

- Taper
- Take-off
- Elbows
- Breeches

### Duct Accessories

- Volume control dampers
- Access doors
- Splitter dampers
- Clamps / Cleats
- Slide-on flange
- Corners





# HVEM Projects



**Yahsat Satellite Ground Station**  
Abu Dhabi

**Client:** Yahsat - UAE  
**Consultant:** Al Thurath Engineering  
**Main Contractor:** Condor Building  
Cont. L.L.C  
**Completion Year:** 2010



**B+G+4P+25 Amaya Towers**  
Abu Dhabi

**Client/Owner:** Dhafir Development &  
Contracting L.L.C  
**Consultant:** Architectural  
Consulting Group  
**MEP Contractor:** Jamaheer  
Construction L.L.C  
**Completion Year:** 2012



**Car Workshop (G+M)**  
DIP, Dubai

**Client:** Al Tayer Motors L.L.C  
**Consultant:** ART Consultants  
**MEP Contractor:** Jamaheer  
Construction L.L.C  
**Completion Year:** 2012



**Aster Hospital**  
Karama, Dubai

**Client:** Abdul Qader Abdul Wahed Rahman  
Al Sharafi, Mr.hamdan Abdul Karim  
Nasrallah Al Arif  
**Consultant:** Arif & Bintook Consulting  
Architects & Engineers  
**MEP Contractor:** Power Factor  
Electromechanical Works L.L.C  
**Completion Year:** 2014



**B+G+3P+18 Fair View Residency**  
Business Bay, Dubai

**Client:** Deyaar Development PJSC  
**Consultant:** Lacasa Architects &  
Engineering Consultant  
**Main Contractor:** Condor Building  
Contracting L.L.C  
**Completion Year:** 2014



**Data Centre - Pacific Controls**  
Jebel Ali, Dubai

**Client:** Pacific Control Systems  
**Consultant:** Orbit, MCIC  
**Main Contractor:** Condor Building  
Contracting L.L.C  
**Completion Year:** 2012



**ADNOC Filling Station**  
Yas1, Abu Dhabi

**Client:** ADNOC  
**Consultant:** Altorath Engineering  
Consultants  
**Main Contractor:** Beaver Gulf  
Contracting L.L.C  
**Completion Year:** 2013



**2B+G+6+R Floors  
3-Star Hotel Building**  
Al Barsha, Dubai

**Client:** Mohammed Tayyeb Khoory  
Real Estate  
**Consultant:** Al Baha Engineering  
Consultant  
**MEP Contractor:** Al Madaen  
Electromechanical Works  
**Completion Year:** 2015



**Autoserve Centre**  
Khalifa Park, Abu Dhabi

**Client:** ADNOC  
**Consultant:** Altorath Engineering  
Consultants  
**Main Contractor:** Beaver Gulf  
Contracting L.L.C  
**Completion Year:** 2013



**B+G+1 School Building**  
Al Azraa, Sharjah

**Client:** Ali Nasser Ali Al Ferdan  
**Consultant:** Al Nadha Engineering  
Consultant  
**MEP Contractor:** Mzoun Mechanical  
Services  
**Completion Year:** 2015



**Fun City**  
Yas Mall, Abu Dhabi

**Client:** Funcity Oasis L.L.C.  
**Consultant:** BA & Associate Engineers  
**Main Contractor:** Beaver Gulf  
Contracting L.L.C  
**Completion Year:** 2014



**Car Complex (Carx)  
400/132kv Substation, Dubai**

**Client:** Dubai Electricity & Water Authority  
**Consultant:** Sigma Enterprises L.L.C  
**MEP Contractor:** Jamaheer  
Construction L.L.C  
**Completion Year:** 2013



**Geant Hypermarket**  
Yas Mall, Abu Dhabi

**Client:** Fucom L.L.C  
**Consultant:** BA & Associate Engineers  
**Main Contractor:** Beaver Gulf  
Contracting L.L.C  
**Completion Year:** 2014



**Sharjah Grand Hotel**  
Sharjah

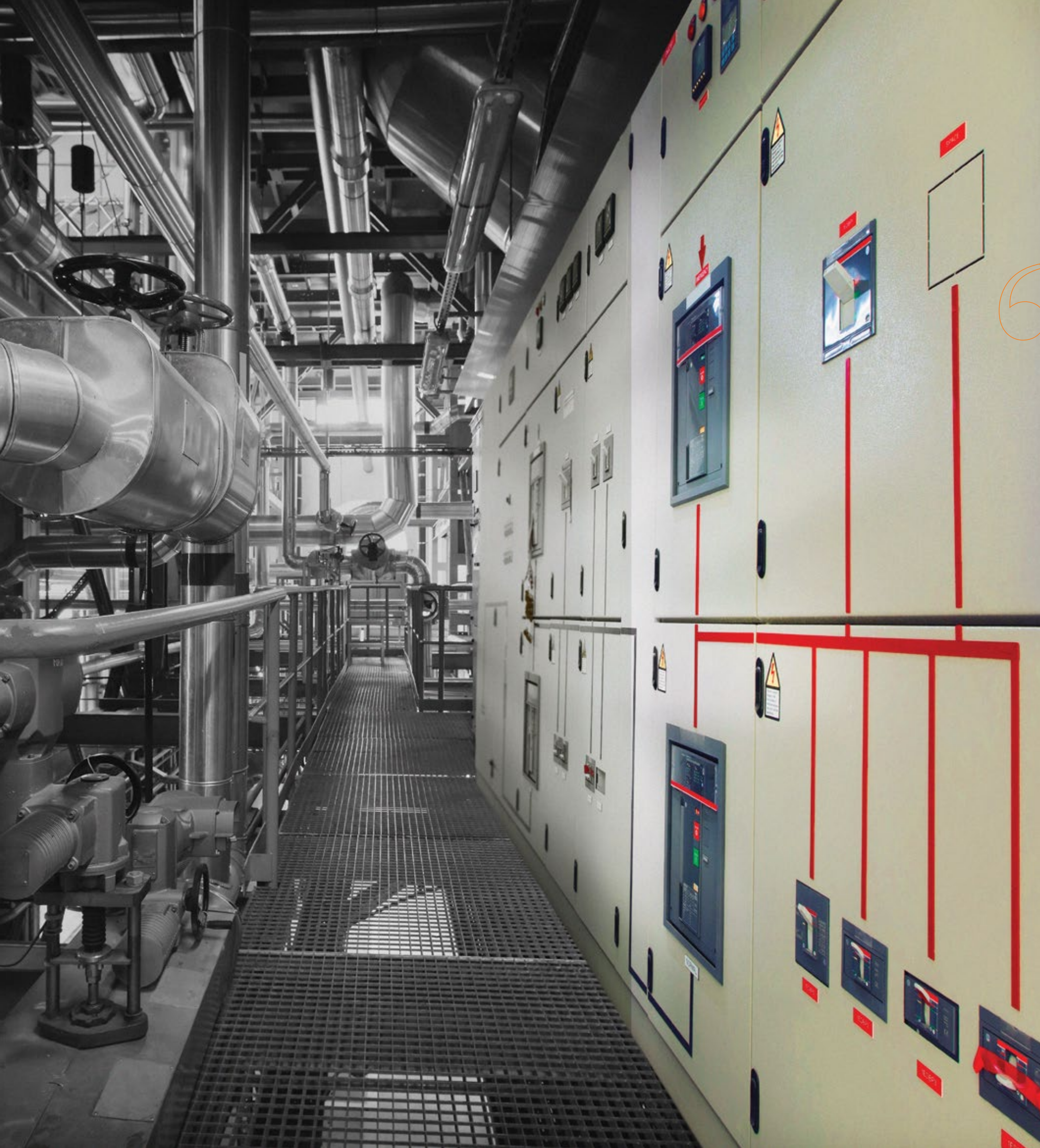
**Client:** Mohd. Bin Masaoood and his sons  
**Consultant:** Avenue Engineering  
Consultant  
**MEP Contractor:** Jamaheer  
Construction L.L.C  
**Completion Year:** 2014



**Extension of Accident,  
Emergency & Trauma Center**  
Rashid Hospital, Dubai

**Client:** Dubai Health Authority  
**Consultant:** Al Hshemi Consultant  
**Main Contractor:** Condor Building  
Contracting L.L.C  
**Completion Year:** 2015



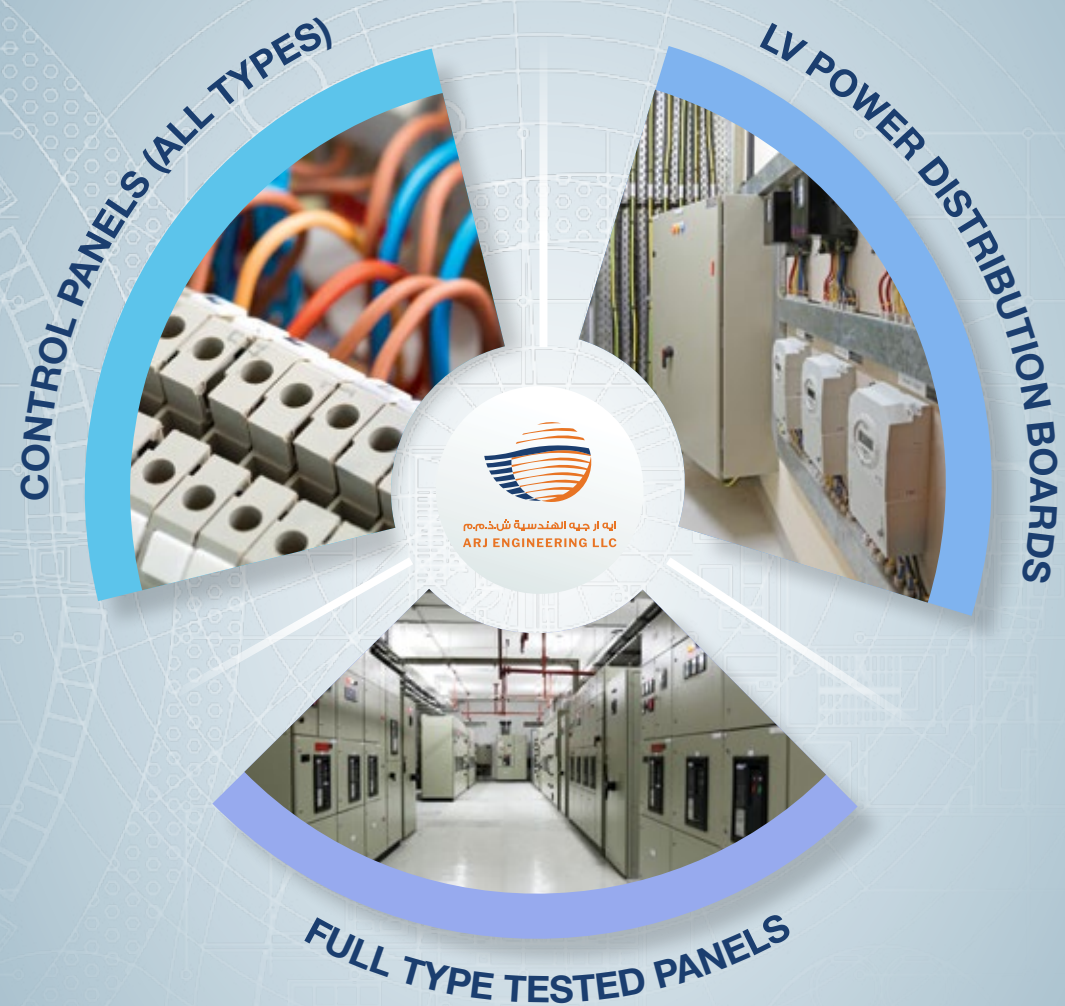


“The day we harness the full potential of electricity to sustain our resources, we can claim intelligence.”

**Switchgear**



## Switchgear



أحمد رمضان جمعة  
AHMED RAMADHAN JUMA  
SWITCHGEAR

## Switchgear

In line with our core competency of catering to the building and industrial service sector, our Switchgear Division assembles LV Switchgear that's used in a variety of applications, ranging from villas and residential buildings to commercial and industrial facilities. A dedicated team of design professionals and quality assurance specialists ensure that the correct ratings and right components reflect in every finished product, an industry standard that has earned us the ASTA certification for the complete product range of LV switchgear from 250 to 2500 ampere.

### Our Switchgear Division specializes in:

- Custom built switchgear solutions
- Design support to meet authority guidelines
- Short lead time for manufacturing & delivery
- Fully controlled QA / QC processes

SWITCHGEAR





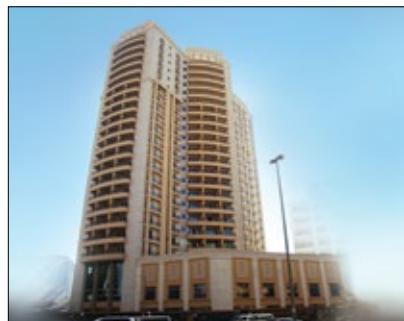
### Our Product Portfolio:

- Main Distribution Boards (MDBs) Form - II, III & IV
- Sub Main Distribution Boards (SMDBs)
- Final Distribution Boards (DBs)
- Power Factor Correction Panels (Capacitor Banks)
- Motor Control Centers (MCC) Fixed and Drawout Type, ATS and AMF Panels
- Variable Frequency Drive (VFD) and Soft Starter (SS) Panels
- Swimming Pool and Fountain Control Panels
- Meter Cabinets
- AHU Control Panels, Interlock and Protection Panels
- Instrumentation and Measuring Panels
- Lighting Power & Control Panels
- PLC Panels





# Switchgear Projects



**Al Raffa Tower**  
Bur Dubai

**Client:** Abdul Rahim Moh.Abl.Rahim Al Zarooni  
**Consultant:** National Engineering Bureau  
**Main Contractor:** Trans Emirates Contracting  
**Completion Year:** 2012



**Belhasa Golden Building**  
Hor Al Anz, Dubai

**Client/Owner:** Belhasa International Company L.L.C  
**Consultant:** Refaat Mostafa  
**Main Contractor:** Belhasa Engg.  
**Completion Year:** 2014



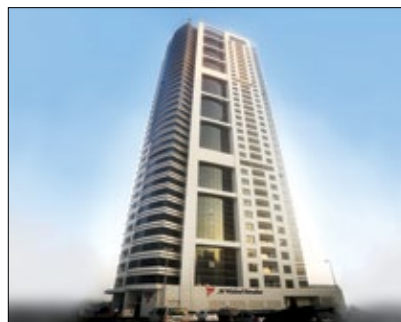
**CBD-15**  
International City

**Client:** Fathima international  
**Consultant:** National Engineering Bureau  
**Main Contractor:** Shobha contracting  
**Completion Year:** 2011



**Greece Cluster - 31 Buildings**  
International City

**Client:** Nakheel  
**Consultant:** ACE  
**Main Contractor:** Gammon & Billimoria  
**Completion Year:** 2007



**Al Waleed Paradise Tower**  
JLT

**Client:** Mr. Abdul Razzaq Abdul Aziz Mutawa  
**Consultant:** Adnan Saffarini  
**Main Contractor:** Al Faraa Contracting  
**Completion Year:** 2007



**Seasons Community**  
Jumeirah Village

**Client:** Seasons Development Limited  
**Consultant:** Dimensions Engineering  
**Main Contractor:** Bin Shafar  
**Completion Year:** 2012



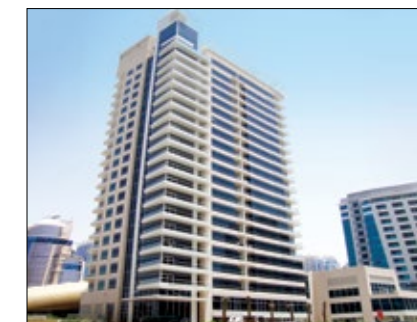
**Al Fattan Sky Towers**  
Umm Ramool

**Client:** Mr. Musabbah Al Fattan  
**Consultant:** AE7 Morse Archt  
**Main Contractor:** Delta Emirates Contracting Co  
**Completion Year:** 2016



**Army Housing**  
Al Quoz

**Client:** Meraas Development  
**Consultant:** Arif & Bintok Consulting Engineers  
**Main Contractor:** Al Shirawi Electrical & Mechanical Engineering L.L.C  
**Completion Year:** 2012



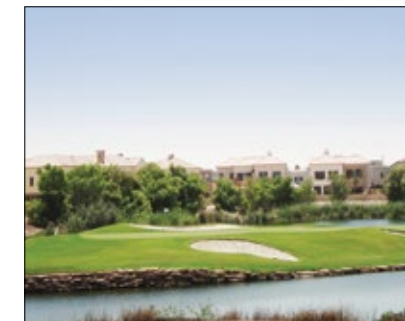
**Sukoon & Bunyan Tower**  
Dubai Marina

**Client:** Omer & Saeed Abnaa Saif Saeed  
**Consultant:** National Engineering Bureau  
**Main Contractor:** United Master Electromechanical L.L.C  
**Completion Year:** 2013



**City Seasons Hotel**  
Bur Dubai

**Client:** Musallam Salem Bin Ham  
**Consultant:** James Cubitt & Partners  
**Main Contractor:** Dubai Civil Engineering  
**Completion Year:** 2015



**Jumeirah Golf Estate**  
Jumeirah Golf Estate

**Client:** Istithmar Leisure  
**Consultant:** Amcde Consulting Engineers  
**Main Contractor:** Mac Air L.L.C  
**Completion Year:** 2013



**Radisson Blu Hotel**  
Dubai Marina

**Client/Owner:** Abyaar Real Estate  
**Consultant:** KEO  
**Main Contractor:** MESC  
**Completion Year:** 2007



**Reef Tower**  
JLT

**Client:** Reef Real estate  
**Consultant:** KEO  
**Main Contractor:** Geco Mechanical & Electrical Ltd.  
**Completion Year:** 2008



**Safico Project**  
Al Nahda

**Client:** Saeed Mohd.Saif Bin Shafar  
**Consultant:** Al Shurooq  
**Main Contractor:** Saifco  
**Completion Year:** 2013



**HDS Business Center**  
Jumeirah Lake Towers

**Client:** Baraq Holdings Limited  
**Consultant:** National Engineering Bureau  
**Project:** Larsen & Toubro Limited  
**AMC Contract Since:** 2012





“The Sun is  
5 Billion years old  
and has another  
5 Billion years  
before it dies.”

**ARJ Green Power**



## ARJ Green Power



## ARJ Green Power

In the wake of global warming crisis threatening our planet, ARJ Green Power is a step forward towards powering a more sustainable environment through engineered practices in the field of renewable energy.

### VISION

To be a leading Company in providing Integrated Renewable Technology Solutions in the Middle East, supported by high technical acumen, innovative solutions and business ethics.

### MISSION

To help our clients tap into vast natural energy resources with the most efficient and reliable technologies and yet be competitive.

ARJ Green Power's way forward is guided by the following broad practices:

- Amalgamation of the latest Renewable Technology, tailored for client requirements to offer innovative solutions in any field of application.
- Associate with the world's best Manufacturers and Consultants to uphold high product and service standards.
- Spread the importance of Green Concepts and take initiatives to optimize energy consumption and maximize the application of Renewable Technologies in every field.





## Services

Going beyond the conventional scope of renewable technology providers, ARJ Green Power's scope of services can be categorized into the following:

- Technical and Financial Feasibility Study in Renewable Technologies
- Design and Development of Renewable Power Generations and Utilities
- Sourcing & Procurement
- Project Management - Integrating Engineering and Construction Management
- Acceptance Testing
- Energy Management Solutions
- Maintenance

## Products

Sourced from the best manufacturers worldwide, ARJ Green Power's technically advanced products are tested to offer our clients customized, reliable and durable renewable energy solutions.

- Solar Power Plants
- Waste to Energy Conversion
- Solar Swimming Pool Heating & Cooling
- Solar Water Pumps
- LED & Plasma Lighting
- Direct Optical Solar Lighting
- Solar Water Heaters
- Solar Air-Conditioners
- Energy-efficient Street Lights
- Energy Audit & Enhancements

At the heart of our renewable technology objectives and mission, is our commitment to create a cleaner, greener and better planet for our future generations, by adding value through our technical expertise and innovative abilities, engineered to convert requirements into results.



ARJ  
Green Power  
Projects



**Al Warqa Park - Phase II**  
Dubai

**Client:** Dubai Municipality  
Grid-Tied PV Plant



**Al Khazan Park**  
Satwa, Dubai

**Client:** Dubai Municipality  
Off-Grid PV Plant



**Garhoud Park**  
Dubai

**Client:** Dubai Municipality  
Grid-Tied PV Plant



**Muhaisnah Park**  
Dubai

**Client:** Dubai Municipality  
Grid-Tied PV Plant



**Farm at Lehab**  
Dubai

**Client:** Dubai Municipality  
Battery Storage



**Garhoud Park**  
Dubai

**Client:** Dubai Municipality  
Grid-Tied PV Plant



**Al Quoz Park**  
Dubai

**Client:** Dubai Municipality  
Grid-Tied PV Plant





“When you do everything right, people won’t be sure you have done anything at all.”

**Facilities  
Management**



## Facilities Management

ANNUAL MAINTENANCE CONTRACTS

FM SERVICES

CASUAL SERVICES



إيه آر جيه الهندسية ش.م.م.  
ARJ ENGINEERING LLC



إيه آر جيه الهندسية ش.م.م.  
ARJ ENGINEERING LLC  
FACILITIES MANAGEMENT

## Facilities Management

Honoring our commitment to sustain client relations beyond construction, we offer full Facilities Management services for assets of all scales. Optimizing the best of systems installed, infrastructure, people and facilities through a Computer Aided Facility Maintenance Programme (CAFM), all installations go through a defined set of periodic checks and timely replacements of critical components in order to eliminate untimely breakdowns.

Operating across major business functions, our qualified Facilities Managers operate both strategically and tactically to deliver best-in-class integrated services in addition to system installations and other additional services.

FACILITIES MANAGEMENT





### Our Facilities Management covers the following aspects:

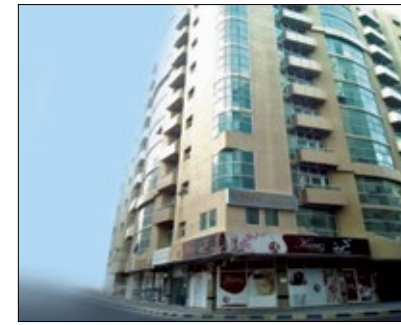
- 24x7 Emergency Repair
- Design Verification & Energy Audit
- Operational Services
- Annual Maintenance Contract for all MEP Installations
- HVAC Preventive Maintenance & Repairs
- Plant Up-gradation
- Electrical Repairs
- Plumbing Repairs
- General Cleaning
- Security Services
- Pest Control
- Retrofitting Works
- Casual Service

Our skilled in-house experts will dedicatedly look into all aspects of facilities management to generate better asset value. Thus, taking the pressure off our clients so that they can focus on other crucial aspects of their business that require attention.





# FM Projects



**G+10 Floor**  
**Tiger 6 Building**  
Qasmiya, Sharjah

**Client:** ASAS Real Estate  
**Project:** AMC for MEP & General Maintenance System  
**AMC Contract Since:** 2016



**B+G+4 Floor**  
**Hor Al Anz**

**Client:** Balhasa Real Estate  
**Project:** AMC for HVAC System  
**AMC Contract Since:** 2014



**G+5P+S. Floor+20 Floor**  
**Orchid tower**  
Al Nahda, Sharjah

**Client:** ASAS Real Estate  
**Project:** AMC for MEP & General Maintenance System  
**AMC Contract Since:** 2016



**G+13F Building**  
**Citymax Hotel**  
Sharjah

**Client:** CITYMAX HOTEL  
**Project:** AMC for HVAC System  
**AMC Contract Since:** 2016



**B+G+4+Roof Floor**  
**Sharjah Islamic Bank Building**  
Port Saeed, Dubai

**Client:** ASAS Real Estate  
**Project:** AMC for MEP & General Maintenance System  
**AMC Contract Since:** 2016



**ARJ1, Head Office**  
Sheik Zayed Road, Dubai

**Client:** ARJ Properties  
**Project:** AMC for HVAC System  
**AMC Contract Since:** 2006



**HDS Sunstar-II**  
International City, Dubai

**Client:** Fatima International Group  
**Project:** AMC for MEP System  
**AMC Contract Since:** 2013



**(G+4Parking+15 Typical Floors + 1PH), 555 SHJ Tower**  
Al Khan, Sharjah

**Client:** ASAS Real Estate  
**Project:** AMC for HVAC System  
**AMC Contract Since:** 2016



**(G+3 Typical Floors)**  
**Al Zaabi Building**  
Al Muwelah, Sharjah

**Client:** ASAS Real Estate  
**Project:** AMC for HVAC System  
**AMC Contract Since:** 2016



**G+18F Building**  
**Doha Tower**  
Sharjah

**Client:** Elegant Home Real Estate  
**Project:** AMC for Electrical & Plumbing & General Maintenance System  
**AMC Contract Since:** 2016



**G+8 Floors**  
**ARJ Sapphire Building**  
DSO, Dubai

**Client:** ARJ Properties  
**Project:** AMC for HVAC System  
**AMC Contract Since:** 2013



**Warehouse**  
Jebel Ali

**Client:** Tranzone FZCO  
**Project:** AMC for HVAC System  
**AMC Contract Since:** 2013



**2B+G+5 Floor**  
Oud Mehta Road

**Client:** Al Gurg Consultants  
**Project:** AMC for HVAC System  
**AMC Contract Since:** 2013



**B+G+M+3 Centro Building**  
Satwa

**Client:** ARJ Properties  
**Project:** AMC for HVAC System  
**AMC Contract Since:** 2010



**Grand Mosque**  
Satwa

**Client:** Mosque in Satwa  
**Project:** AMC for HVAC System  
**AMC Contract Since:** 2010





“Generating electricity is one challenge, the other is to have it efficiently and safely transported to the utility point.”

**Alfaduct**



Alfaduct

COMPACT AIR INSULATED BUS TRUNKING

SITC

SANDWICH BUS TRUNKING



إيه آر جيه الهندسية ش.م.ل.  
ARJ ENGINEERING LLC

## Alfaduct

Upholding our values of high quality and aligned to the ARJ value of integrity & trust, ALFA Technologies Pvt. Ltd. is a specialized and dedicated company serving the power distribution market through its Alfaduct-Busbar Trunking System.

In our goal to be distinctive in the service we provide, we commit to staying with the client along the entire process until the full functioning of Busbar Trunking Systems. Our professional and technical assistance spans across every activity ranging from site survey and installation to testing, commissioning and maintenance.

## Advantages

Alfaduct Busbar Trunking Systems are utilized in building and industrial applications to distribute power to electrical loads safely and efficiently. Due to its many advantages over conventional cabling, Busbar Trunking Systems are widely used in Commercial and Residential Buildings, Hotels, Factories, IT and Data Centre Buildings, Shopping Centres, etc.

- Offers mechanical protection and high flexibility
- Eliminates many runs of cabling
- Easy to install and maintain
- Saves space and is cost-effective
- Conductors can be customized according to voltage, harmonics, earthing, etc.
- Facilitates electrical savings with reduced losses, lesser voltage drop and flexibility in repositioning load centers using tap-off points



ALFADUCT





### Sandwich Bus Trunking Systems

Conductor : Copper or Aluminum  
 Enclosure : 1.6 mm or 2.0 mm  
 Current ratings : 400 A to 5000 A  
 Elements : All types of elements to meet site requirements

### Compact Air Insulated Bus Trunking Systems

Conductor : Copper or Aluminium  
 Enclosure : 1.6 mm or 2.0 mm  
 Current ratings : 200 A to 2000 A  
 Elements : All types of elements to meet site requirements

### Specifications

The product is designed to comply with the International Standards of: IEC 61439-1 & 2, specification for low voltage and control gear assemblies; a particular requirement for Busbar Trunking Systems. IS-5578 & IS-11353 guides the manufacturing of insulated conductors and a unified system of making and identifying conductors and apparatus terminals is also complied with. Manufacturing Busbar Trunking follows IS-2062 and the best engineering practices.





# Alfaduct Projects



**Radisson Hotel**  
India

**Client:** Radisson Hotel  
**Type:** Hotel



**Purva Gainz**  
India

**Client:** Puravankara  
**Type:** Commercial



**Aisin Automotive**  
India

**Client:** Aisin Automotive  
**Type:** Industrial



**JBM, Sanand**  
India

**Client:** JBM Sanand  
**Type:** Industrial



**Purva Swanlake**  
India

**Client:** Puravankara  
**Type:** Residential



**Rippon Building Annexe**  
India

**Client:** PWD  
**Type:** Government Building



**I Gate**  
India

**Client:** I Gate  
**Type:** IT Service



**BSA University**  
India

**Client:** BSA University  
**Type:** Educational Institution



**Secretariat**  
India

**Client:** PWD  
**Type:** Government Building



**SIDCO**  
India

**Client:** SIDCO  
**Type:** Commercial



**Mando Automotive**  
India

**Client:** Mando Automotive  
**Type:** Industrial



**Southern Railway**  
India

**Client:** Southern Railway  
**Type:** Commercial



**Motherplast**  
India

**Client:** Motherplast  
**Type:** Industrial



**RED Mall**  
India

**Client:** RED Mall  
**Type:** Shopping Centre



**Tamarai Techpark**  
India

**Client:** Tamarai Techpark  
**Type:** Commercial



## Clients




			
			
			
			
			


## Main Contractors



# Consultants

 Design & Architecture bureau Consulting Architects & Engineers	 BH-NS ENGINEERING CONSULTANTS	 KEO International Consultants	 dar al-handasah shair and partners
	 AL MANAR	 National Engineering Bureau Architecture & Engineering Consultants	 IAN SANHAM & ASSOCIATES Consulting Engineers
 القرف CONSULTANTS FARAL ABDULLA AL QURF المهندسين في مجال البناء	 GECEO GULF & EMIRATES CONSULTANTS	 Al-Emarah Al Khalijia	 Hannover Consulting Engineers
 BADRI&BENSOUDA ARCHITECTURAL AND ENGINEERING CONSULTANTS	 HISHAM A. AL GHANI, ARCHITECT	 DEL-NOMAN	 ASWAR CONSULTING ENGG.
 ACCESS	 ATKINS	 ENG. ADNAN SAFFARINI Design, Supervision & Consultants	 WME consultants

 DC CONSULTANTS	 SOCOTEC	 Arif&Bintoak	 SHANKLAND COX
 GlobalTech Safety & Environmental Consultancy	 BIN DALMOUK ENGINEERING CONSULTANTS في حلقهات للاستشارات الهندسية	 VE EXPERTS	 ART CONSULTANTS CONSULTING ARCHITECTS & ENGINEERS
 BIN DALMOUK ENGINEERING CONSULTANTS في حلقهات للاستشارات الهندسية	 SPW Engg. Consultancy	 REFAAT MOSTAFA Consulting Architects	 DELTA ENGINEERING CONSULTANTS (CONSULTING - ENGINEERS)
 ARKITEKNIK INTERNATIONAL CONSULTING ENGINEERS	 ALSUWEIDI Engineering Consultants Bureau L.L.C.	 Architectural Engineering Consultancies	 TiME Turner
 Crotan Dome Consultants كروتان دوم للهندسة المعمارية EGYPT   KSA   UAE   LIBYA	 SPACE CONSULT Architects, Engineers & Urban Designers	 MASHAREA PROJECT MANAGEMENT	 NOTER CONSULTING ENGINEERS



# ARJ Engineering

Delivering Excellence



ايم ار جيه الهندسية ش.ذ.م.م  
ARJ ENGINEERING LLC

Ahmed Ramadhan Juma Building, Between 2nd & 3rd Interchange  
Sheikh Zayed Road, P.O. Box: 283762, Dubai, UAE.

[www.arjgroup.com](http://www.arjgroup.com)

## ARJ MEP

Tel: +971-4-3389922, Fax: +971-4-3389928

Email: [engg@arjgroup.com](mailto:engg@arjgroup.com)

## ARJ Switchgear

Tel: +971-4-3207191, Fax: +971-4-3335773

Email: [info.switchgear@arjgroup.com](mailto:info.switchgear@arjgroup.com)

## HVEM

(Horizon Ventilation Equipment Manufacturing)

Warehouse No - 6A, Belhasa Compound, 15th Street,  
Al Quoz Industrial Area-3, P.O. Box: 282756, Dubai, UAE.

Tel: +971-4-3477682 / 3406976, Fax: +971-4-3477683

Email: [hvemdubai@arjgroup.com](mailto:hvemdubai@arjgroup.com)

## ARJ Facilities Management

Tel: +971-4-3380171

Email: [fm@arjgroup.com](mailto:fm@arjgroup.com)

## ARJ International L.L.C

(Renewable Energy Division)

Tel: +971-4-3389922

Email: [international@arjgroup.com](mailto:international@arjgroup.com)

## Alfaduct

(Busbar Trunking Systems)

22/A, Swastik Industrial Estate, Sari, Sanand Taluka,  
Ahmedabad 382220, Gujarat, India

Tel: +91-92 2800 1427/29

Email: [factory@alfaduct.com](mailto:factory@alfaduct.com)

[www.arj-engineering.com](http://www.arj-engineering.com)