

# COMPANY PROFILE

Mazoun Electro-Mechanical Company



## About Us

Since our inception, Mazoun Electro-Mechanical Co. (MEMCO) has been driven to provide a professional engineering services for the water industry within the Sultanate of Oman. Our experience in electromechanical engineering has been varied and now encompasses: Water & Wastewater Treatment Stations, Desalination Plants, Instrumentation & Control Systems (SCADA), leak detection, and various industrial applications as a main EPC (Turnkey Basis) provider.

The key to our present level of success is illustrated by our team's ability and commitment to provide an exceptional level of service to our clients and to maintain this ability will be one of the main the critical success factors in our company's philosophy.

## Our Vision

"To expand our core business within the Sultanate of Oman and to become an active participant and leader in the development of the EPC industry in the Omani Market".

## Mission

"To identify business opportunities in a proactive manner, invest in these opportunities in a way that strengthens and complements MEMCO's position, and to deliver added value services through utilizing core competencies, knowledge and expertise".

## Our Range of Services

MEMCO has a reputation for professional excellence and reliability, built up through more than 10 successful years of operation in the Sultanate of Oman.

We provide every stage of electrical and mechanical work, from design, and system installation, to maintenance and repair work. Our dedicated team of multi-disciplined, highly qualified engineers, office-based technical staff, and administrative personnel means we provide exceptional project management and top quality workmanship. We complete projects on time and within budget, and provide full after sales support.

This professional excellence combined with our personal approach has won us a consistently high level of repeat business over the past decade, with a continually expanding client base of prestigious local and national organisations that includes PAEW, Haya, CCED, and many more.

### **Mechanical Works:**

From tender stage through design, installation and commissioning, MEMCO's has a track record of managing successful projects that win a high level of repeat business across all sectors. However that's not the sole reason for our success.

Our experience in mechanical Services cover the following:

- M & E Contracts of Pumping Station (Supply, Installation and Commissioning).
- Hydraulic Analysis of Surge.
- Surge Protection System.
- Welding Consumable, Equipment & Accessories.
- Safety Systems of Rotating Equipment (IPS).
- Leak Detection Equipment.
- Maintenance of Rotating Equipment.

## **Electrical Works**

From domestic installations to more complex and sophisticated commercial and industrial systems, we design, commission and manage a wide range of electrical projects.

Thanks to the depth and diversity of our expertise and experience, we have a thorough understanding of our customers' requirements and can develop complete solutions for all types of installation.

Our experience in electrical Services cover the following:

- Design, build, implement electrical supply systems for industrial plants , pump stations , desalination plants starting from load study Passing through Earthing and lightning systems , cable and cable tray systems , cable test , termination and commissioning
- Electrical study and execute for pump stations, supply, installing and commissioning for LV, MV electrical motors and related control and operation systems.
- Supply Install and commissioning for MV switchgear, protection relay study and settings.
- Design, supply, Install and commissioning for LV switchgear and distribution boards.
- Design, supply, Install and commissioning for AMF, Feeder pillar, power generator.
- Supply, Install and commissioning for AC-UPS, DC-battery charger.
- Supply, Install, commissioning for MV, LV VFD'S and soft starters.
- Troubleshoot process for electrical systems (VFD, soft starter, switchgear, control panels) .
- MV, LV, control cables testing and termination.
- Coordinates the work of consultants and operators at the plants.
- Study and execute for internal electrical supply and lighting.
- External road lighting study and execution.

## **Control Systems & Instrumentation**

MEMCO has deep experience designing and developing control systems starting from simple control concepts, ending with most complicated type of DCS systems with ability of remote monitoring and controlling.

Our experience in Control Systems and Instrumentation Services cover the following:

- Design, build, implement and modify graphical user interfaces for real time monitoring and automated operation of site processes and equipment
- Review and recommend revisions of programs necessitated by process and equipment changes
- Troubleshoot process control system components
- Provides feedback, identifies opportunities for improvement and works to resolve problems
- Supervise operational control and integration of SCADA systems in a variety of control schemes that monitor and control the water and water desalination system
- Applies and adjusts automatic control functions to maintain high system performance
- Develops scripts for database tools, reports and data analysis
- Supply and install and commission for all type of instrumentation related to water variables measurement as flow, pressure, and temperature and water quality as PH, Conductivity, and Turbidity.

- Design and develop most required types of remote monitoring units using all type of data connectivity like Radio, GPRS, 3G, Fibre Optic, and Leased Line.

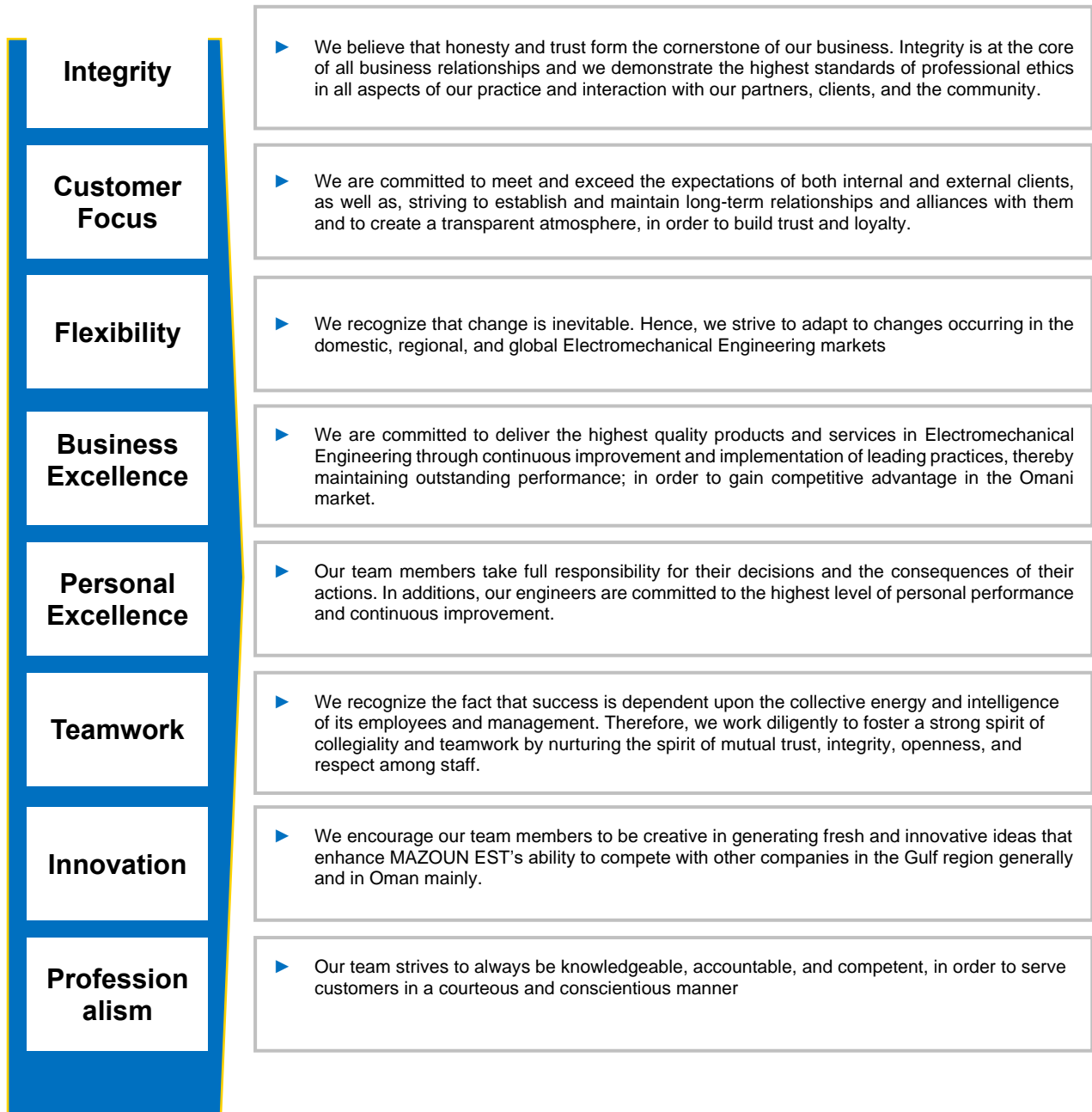
## Our Partners

During the course of last few years, MEMCO has managed to establish an excellent working partnership with worldwide leading companies such:

- ▶ Channel Partner with **ABB** providing Instrumentation, Control Systems (SCADA), and VFDs Motor.
- ▶ Channel Partner with **Flowserve** providing a full range of water Pumps and mechanical seals.
- ▶ Exclusive representative of **SEWERIN** provide leak detection systems and related equipment.

# Our Core Values

Our management strongly believes that organizational efficacy is ultimately determined by the company's core values. MEMCO is driven by the value it creates for its people, clients, and the community. The following values are the anchor of our corporate culture and represent the fundamental tenets that guide corporate decisions, which determine how we will conduct our business



## Our Projects Experience

MEMCO's vast experience in the MEP industry has been instrumental in the successful completion of prestigious projects in Oman. Our company is an established leader in mechanical and electrical projects across diverse sectors.

| Project Name  | Project Value | Client                                     |
|---|---------------|--|
| Upgradation of Barka-Seeb Pumping Facilities  | 241,068.000   | Public Authority for Electricity and Water |
| Installation of Open Channel Flowmeter At Seeb Areas  | 5,500.000     | Haya Water                                 |
| Flowmeters installation at SEEB STP and Al Azaiba STP   | 25,000.000    | Haya Water                                 |
| Framework Contract for the Implementation of Automation and SCADA Integration Jobs  | 1,440,350.000 | Public Authority for Electricity and Water |
| Rehabilitation of Chlorination Facilities in Network Water Supply Systems and Supply Spare Parts In North Sharqiyah Governorate | 69,099.794    | Public Authority for Electricity and Water |
| Countrywide Data Monitoring Historian System, Design and Works, at Country Control Room in Muscat Governorate                   | 500,000.000   | Public Authority for Electricity and Water |
| Control System for Tanker Filling Station for Barka Desalination Plant  | 25,000.000    | Osmoflow                                   |
| Control System for Tanker Filling Station   |               | Al Mansoor International                   |
| Supply and Installation of Grill Shutter Hand Operated at Wadi-BAF  | 20,000.000    | Ministry of Defence                        |
| Supply & Installation of Automatic Vending Machine and Card Reader System   | 83,790.000    | Sohar Municipality                         |
| Supply and Installation of Pressure Monitor System for Isolation Rooms  | 46,791.468    | Sultan Qaboos University Hospital          |

| Project Name   | Project Value | Client   |
|--|---------------|--|
| Upgrade 8 Existing Pump's Suction And Discharge Valves For ("Recovery Unit") At Aromatics Plant Located In Sohar, Sultanate Of Oman  | 220,000.000   | Oman Oil Refineries and Petroleum Industries Company |
| Water Transmission Pipeline From The Water Treatment Plant Wadi Dayqah Dam At Mazari In Wilayat Qurayyat To Deem Reservoir In Governorate (Wadi Dayqah Water Supply Schem) | 4,850,000.000 | Egyptian Construction and Contracting Partners       |
| Provision & Installation Of Tanker Loading Control And Automation Systems In The Service Areas Of Paew   | 2,301,454.827 | Public Authority for Electricity and Water           |
| Supply, Installation, Testing And Commissioning Of One Pump With Motor For Qurayat Pumping Statio  | 46,337.025    | Public Authority for Electricity and Water           |
| Provision of Pipeline Leak Detection System  | 25,950.000    | CC Energy Development S.A.L                          |
| Build, Own, and Operate SWRO Plant at AL-Khalouf (400 M3/day)  | 394,200.000   | Public Authority for Electricity and Water           |
| Water Distribution Network for Wilayat Dama Wa At Taiyyin  | 11,000.000    | Public Authority for Electricity and Water           |
| Construction & Installation of Booster Pump Stations and other Associated Works at Site locations at Wilayaet Sur  | 106,884.580   | Public Authority for Electricity and Water           |
| Construction of Additional Tanker Filling Station in Al-Sharqiah Region  | 1,185,000.000 | Societe Egyptian D'Entrprises                        |
| Water Supply Scheme to Qurayat   | 1,090,000.000 | Target LLC   |
| Design, Supply, and Install Control System for Water Conductivity and Monitoring Systems of Barka Pumping Station  | 150,000.000   | Public Authority for Electricity and Water           |

| Project Name   | Project Value | Client                        |
|--|---------------|-------------------------------|
| Central Desalination Plant at Sur Water Scheme at Al-Sharqyah Region       | 4,475,000.000 | Societe Egyptian D'Entrprises |
| Construction of Sewerage Network and Sewage Treatment Plant at Sumail Town | 375,000.000   | ERKO Oman LLC                 |
| Water Supply of Bidbid Fanja, Sumil Town Phase 2                           | 2,178,000.000 | ERKO Oman LLC                 |
| Water Supply of Sumail IZKI Nizwa Town                                     | 1,369,000.000 | ERKO Oman LLC                 |





## MEMCO's Quality Management System

*“MEMCO will strive to give full attention to the quality of all its activities.*

*Our commitment to quality and total customer satisfaction is the responsibility of every employee and is demonstrated by our quality system, on-going management review, and continual improvement based on feedback”*

# CERTIFICATE

EN ISO 9001 : 2008  
Quality Management System

**AIB-VINÇOTTE  
INTERNATIONAL Ltd,**  
Brussels - Belgium

This is to certify that

**Mazoun Establishment for General Trading and Contracting  
(Mazoun Electromechanical Engineering (MEMCO)).**

Located at

**Al-Wuteyyeh, Al-Rumaylah Street, Rumsila 106 Building, Gate 326, Third Floor,  
PO Box 545, Postal Code 118, Ruwi, Muscat, Sultanate of Oman**

has established and maintains a quality system according the requirements of  
EN ISO 9001 : 2008 "Quality Management System" for:

**Pipe Line(For Oil, Gas and Water) Construction, Operation and Maintenance of Water and  
Sewage Treatment Plants including Fabrication.**

This certificate is based on the result of a quality audit documented in the audit report.

Certificate number: 12 4264  
Date of issue: 23 June 2013  
This certificate expires on: 22 June 2015

Further clarification regarding the scope of this certificate and the applicability of  
EN ISO 9001 : 2008 requirements may be obtained by consulting the organization.

This certificate is granted subject to AIB-Vinçotte International's (AI) General Regulations.



Signed for the certification body

Ir. Paul Olivier  
Chairman Certification Committee





# MEMCO

MEP CONTRACTOR

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