

**106138-MEC-58CEMQVY-E-2002**  
**Mechanical & Piping Construction Consultant Engineer**

Holds a B. Sc. in Marine Engineering and has about 19 years hands-on experience working in piping construction field.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 08/09/1975  
Gender : Male  
Marital Status : Married  
Residence : Alexandria

## EDUCATION

: B. Sc. in Marine Engineering, Alexandria University, 2002

## LANGUAGES

Arabic : Native Language  
English : Good

## COMPUTER SKILLS

: Windows, MS Office, Internet

## TRAINING COURSES AND CERTIFICATIONS

: Certificate of Operation Engineer, from Arab Academy for Science Technology and Maritime Transport (Jun. 2006).  
: (TOT) TRAIN OF TRAINER, from CTC Academy (Jun. 2015).

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From 2021 till now  
**Employer** : Engineering Consultant Group (ECG), MOTOBAS - KAHR EL-SHEIKH - EGYPT  
**Job title** : M&P Construction Consultant Engineer  
**Job Description** :

- Receive Inspection requisite of IR (Plumbing system (storm & derange / water supply) & Infrastructure).
- Receive Inspection requisite of MIR mechanical equipment's (Brush Aerator - Parshall Flume - pump - Sludge Thickener - clarifier - Chlorination System - Valves - Diesel Engine Generator).
- Receive Inspection requisite of MIR Workshop Equipment.
- Receive Inspection requisite of Internal IR lifting station.

- Receive Inspection requisite of HVAC system, AC (split & central package unit) & Ventilation.
- Commissioning and Operation of all (STP equipment's / Pumping Stations).

**Dates** : From 2019 till 2021  
**Employer** : Tam Desalia for water desalination  
**Job title** : Operation & Maintenance Manager  
**Job Description** :
 

- SWRO (Desalination) O&M Operation and maintenance Mechanical piping.
- Maintenance HPP and turbo charger / pressure exchanger.
- Fix and fabricate GRP / HDPE / PVC / S.S pipe line system.
- Monitoring and duty shift.
- Requisite the spare part of mechanical equipment.
- Follow up and reporting trouble shooting of equipment to top management.
- Create the maintenance plan and follow up the prevent maintenance.

**Dates** : From 2017 till 2019  
**Employer** : FCC AQUALIA for water desalination and construction  
**Project** : Alexandria El Alamein water distillation project  
**Job title** : QA/QC Mechanical Piping Engineer  
**Job Description** :
 

- Follow up all station area with main network (water desalination system) RO unit (REVERSE OSMOSIS).
- Receive Inspection requisite (IR) of Install Piping work type (SS. S DUPLEX / C.S / GRP / HDPE / UPVC / PPR) pipe.
- Review the design drawing with technical office related to pipe size and valve type.
- Prepare & Review (ITP/IPP) of Install (piping system & equipment).
- Witness for test procedure and commission system.
- Send out to sub-contractor or constriction department (NCR) for non-acceptable Inspection requisite (IR) or site follow-up.
- Send out material transmittal to consultant.
- Draw free hand sketch for new proposal drawing and send to technical office.
- Review as built drawing for piping system, which will deliver to client. Receive Inspection requisite (IR) of Firefighting system with sprinklers system.
- Receive Inspection requisite (IR) of HVAC system, AC (split & central package unit) & VENTILATION.
- Receive Inspection requisite (IR) of Plumbing system (storm & derange/water supply) & Infrastructure.

**Dates** : From 2016 till 2017  
**Project** : GOWIND Project FOS 1 Frigate for Egyptian Navy in Alexandria ship yard (ASY), Alex.  
**Job title** : Project Coordinator (Mechanical Piping)  
**Job Description** :
 

- Schedule Meeting with work shop engineer and follow up the project plan.

- Technical advice and solve problem.
- Review drawing with technical office.
- Follow up the work in all phase of the project and reporting to project manager.
- Implemented the work plan with all integral work shop in project.

**Dates** : From 2012 till 2015  
**Employer** : NICO International Abu Dhabi - TOPAZ GROUP - UAE  
**Job title** : Technical Team Leader (Mechanical Piping)  
**Job Description** :

- Commissioning and Operation of all mechanical equipment and piping system.
- Providing support to an existing team of technicians and engineers.
- Prepare list of activities and estimated man-hours.
- Cerate the test procedures for existing equipment's with surveyed the test.
- Procurement & proposal estimation of piping system (materials/valve type/ piping routing and length and size) Pipe type (PVC /stainless steel/aluminum /cupper) of tender work.
- Implemented of International Design code (ASME, ANSI, API, DIN, and JIS) standard.
- Follow up of material required with designer and maker supply in all project's phase.

**Dates** : From Dec. 2008 till Apr. 2012  
**Employer** : ZAMIL GROUP - KSA  
**Job title** : Technical - Mechanical & Piping Workshop Manager  
**Job Description** :

- Installation Static equipment Heat exchanger coolers.
- Installation rotating equipment Pumps, main engine, generators, air compressor / water treatment unit.
- Install stator equipment water cooler /fresh water generator.
- Manufacture and Installation with maintenance of (Administrative Buildings) plumbing system (derange and water supply/ firefighting).
- Manufacture and Installation of Petroleum platforms (firefighting / plumbing / Fresh Water / SW / fuel oil) piping system code (ASME, ANSI, API, DIN, JIS).
- (Commissioning and Operation) mechanical equipment with all integral of piping system ABS / LR / BV.
- Review equipment user manuals and (P&ID) schematic drawings piping system.
- Provide alignments procedure of marine shaft propeller manual (alignments of piano wire) technical with advice and Site support.
- Follow up and update the planning schedule for work activity.
- Review and cerate proposal new schematics drawing and Supports work according (IBC / ASTM / (IPC).
- Follow up of material required RFQ with designer and maker supply.

**Dates** : From 2003 till 2008  
**Employer** : ENC (Egyptian Navigation Company)  
**Job title** : Operation & Maintenance Mech. Piping Engineer

- Job Description** :
- Diesel engine Full overhaul (with all integral part of Top overhaul of diesel engine) overseas work.
  - Maintenance of Static and rotating all most pumps type (screw / Gear / Centrifugal), steam Boiler, air compressor, Heat exchanger, Deck Machinery, Steering Gear system, Propulsion System, etc.).
  - Operation and Maintenance (Sewage / domestic / fresh water / fire fitting / fuel oil / lubricating oil) piping system / central HVAC System.
  - Operation and Maintenance Freshwater generator plant integrated with piping system.
  - Operation and Maintenance Sewage treatment plant integrated with piping system.

- Field of experience** :
- About 19 years of experience in mechanical piping construction field and Inspection for mechanical equipment's and piping system (SWRO - MBR - STP - lift station) (MEP & HVAC & F.F) system, Plumbing system (storm & derange / water supply) - (STP equipment's / Pumping Stations) - site and consulting quality control, work as technical procurement, commissioning including the activities of inspection requests, (IR) - involve for as built drawings, project time schedules and planning, participating in the technical reports, quality control (QC), (RFQ), site acceptance tests (SAT), factory acceptance test (FAT) fabrication piping system and installation mechanical equipment's, survey and supervision of (O&M) Operation and maintenance diesel engine and all pump type integrated with piping system.
  - Mechanical Piping Construction Consultant Engineer.
  - Project Manager of operation maintenance & construction (SWRO / MBR / STP - lift station).
  - Site Construction (QA/QC) Consultant Engineer mechanical piping.
  - Project Coordinator and commissioning Mechanical piping.
  - Technical Team Leader and proposal Mechanical piping.
  - Estimation tender and procurement Mechanical piping.
  - Workshop Manager Mechanical & piping.
  - Overseas operation and maintenance mechanical piping.