

**101065-MEC-45CKQVX-E-2006**  
**Piping & Mechanical Section Head Engineer**

Holds a B. Sc. in Production Engineering and has about 11 years hands-on experience working in piping, welding, construction and QA/QC field.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 01/01/1984  
Gender : Male  
Marital Status : Single  
Residence : Alexandria

## EDUCATION

: B. Sc. in Production Engineering, Alexandria University, 2006

## LANGUAGES

Arabic : Native Language  
English : Fluent

## COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet  
: AutoCAD  
: Primavera

## TRAINING COURSES AND CERTIFICATIONS

- : Courses:
- Upper intermediate certificate of English & Advanced certificate of English, America – Mideast Education Training Services Inc. (American Center – Alexandria).
  - Office Package & Internet & Access, Computer Center (Faculty of Commerce – Alex University).
  - NDT (RT, UT, MT, PT), Egyptian Welding Academy.
- : On-job trainings:
- Safety & Hazards prevention.
  - Hydrotest.
  - Project management & planning.
  - Design of pipes.
  - Lifting course (certified as lifting supervisor from SGS Company).
  - Risk Assessment & Management.
  - Permit Work.

- Tool box talks "TBT".
- Stop Card / Near Miss.
- Internal audit course for ISO (Entry removed to protect privacy), SGS.

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Oct. 2015 till now  
**Employer** : Technimont SPA – KIMA – ASWAN – EGYPT  
**Project** : KIMA ASWAN  
**Job title** : Subcontract Administration Mechanical Department Section Head - SAE  
**Job Description** :
 

- Follow up and finalizing the quantities for the subcontractors through calculation sheets, monitoring & certifying the weekly Mechanical progress (Piping fabrication, piping erection, steel structure, Equipment, Painting, scaffolding and Insulation).
- Monitoring the monthly payments for all subcontractors, follow up the contracts issues (Amendments, Extensions, Claims, contract closures).

**Dates** : From May 2014 till Oct. 2015  
**Employer** : Construction Management System S.A.E (CMS)  
**Project** : Complex Offsite OSBL Project  
**Job title** : Piping & Mechanical Section Head Engineer  
**Job Description** :
 

- Fabrication & Erection of all piping Networks (Fire Fighting, Potable Water, Sanitary Water, Fuel Gas).
- Erection of fuel station and firefighting, potable water, hot water and submerged pump stations.
- Erection of Integrin System
- Maintenance of heavy equipment.
- Scaffolding for all activity ate site.

**Dates** : From Oct. 2013 till Apr. 2014  
**Employer** : Contracting & Services for Industry (CSI)  
**Project** : WEST HEAT RECOVERY PROJECT GTG AREA ELNG – IDKU  
**Job title** : Site Manager  
**Job Description** :
 

- Preparation of BOQ.
- Fabrication of steel structure.
- Erection at site, scaffolding and all necessary action.
- Prepare all document related to fabrication and erection work.

**Dates** : From Jan. 2013 till Oct. 2013  
**Employer** : SCIENTECH OIL FIELD SUPPLIERS COMPANY  
**Job title** : Inspection & Technical Support Manager  
**Job Description** :
 

- Preparation and review offers according to different standards for piping materials.
- Review pricing for offers.
- Improve the organization attitude to improve customer satisfaction.
- Inspection for Piping, Valves, Piping Fitting and apply hardness test for piping.

- Inspection of certificate for Factory test, Third Party, Country of Origin & material.

- Dates** : From Sep. 2010 till Dec. 2012
- Employer** : TEC Engineering & Construction
- Job title** : QA/QC Engineer / Piping Inspector / Construction Supervisor
- Job Description** :
- NAFTO GAS Design, Engineering, Construction & Maintenance for early production pipe line HG 34/7 1 km:
    - Preparing primary isometric drawing for specific job required according to route of piping from wellhead to the manifold to separator to storage tanks.
    - Preparing bill of material for isometric drawing.
    - Calculate piping dimension required for fabrication & adding over length for site working.
    - Construction of piping works which performing in two stages (Fabrication & Erection).
    - Finishing of piping loops & supporting system according to ISO drawing.
    - Complete all welding process.
    - Prepare RT reports and all documents needed for project.
    - Perform hydro test of loops.
    - Apply backfilling.
  - Renting Facility for early production area:
    - Design & engineering for early production area:
      - Three phases separator (Oil – Water – Gas).
      - Oil & Gas divider manifold.
      - Surge tank.
      - Cold pit.
      - Loading pumps.
      - Storage tanks.
      - Loading arm.
      - Flare system.
    - Supply of three phase's separator (Oil – Water – Gas) & Loading pump & Flare system & all lab equipment.
    - Fabrication of surge tank (gas boot) & storage tanks (Material – welding WPS & PQR – RT – Hydro test – Painting).
    - Fabrication of piping network.
    - Erect all the facility, apply Hydro test, touch up for painting, commissioning & start-up for the facility.
  - Steel Works for Abu Qir Petroleum Company, off-shore:
    - Design, Fabrication & Erection of steel work (supporting system) for lighting and instrumentation:
      - Design supporting system for lighting, instrumentation & cable tray.
      - Determine (material – dimension – welding WPS & PQR – bolts).
      - Fabricate required supporting system according to applied code.
      - Apply painting procedure.
      - Erect supporting system off-shore.
      - Touch up for painting.
  - Upgrading of DCS for Damanhour Power Station:
    - Fuel gas station erection & pre-fabrication & erection of all piping

- network.
- Installation of mechanical equipments & all related mechanical activities (cable tray – conduit – S.S. tubing, etc.) supplied by contractor.
- Installation of valves and line components.
- Supply and installation of piping supports and saddle.
- All steel work pre-fabricate & erect.
- Performing of the ND tests.
- Pre-commissioning activities (i.e. hydraulic tests etc. according to the contractor procedure).
- All piping activities for instrument installation (Torque tube – Transmitters – Positioners – gauges).
- Supervising for all Fire fighting system & HVAC.
- False ceiling.
- Cooling systems for AVR cabinets.
- NAFTO GAS Design, Engineering, Construction & Maintenance for:
  - 35 km pipe line for production area (ongoing) design & engineering & construction.
  - Crude oil tanks design & engineering & construction.
  - Test & operation manifold design & engineering & construction.
- 4 km pipe line 4” for early production wells for NAFTO GAS Company, Western Desert:
  - Preparing primary isometric drawing for specific job required according to route of piping from wellhead to the manifold to separator to storage tanks.
  - Preparing bill of material for isometric drawing.
  - Calculate piping dimension required for fabrication & adding over length for site working.
  - Construction of piping works which performing in two stages (fabrication & erection).
  - Finishing of piping loops & supporting system according to ISO drawing.
  - Complete all welding process.
  - Prepare RT reports and all documents needed for project.
  - Perform hydro test of loops.
  - Apply backfilling.

**Dates** : In Nov. 2010  
**Employer** : ELNG  
**Project** : Inspection of bell mouth struts for 5200 D + Gas Turbine  
**Job title** : Welding Inspector

**Dates** : From May 2008 till Sep. 2010  
**Employer** : EMC  
**Project** : Taurt & Lts project Gapco (Port Said) (BP), MIDOR, ELNG, Happy, Segas and Rashpetco  
**Job title** : Mechanical Engineer  
 (Piping Supervisor / Punch List Supervisor / Welding Inspector)  
**Job Description** :
 

- Piping Fabrication & Erection.
- Inspection & hydro test of constructed part.
- Steel Structure & Supports replacement.

- Painting & Insulation.
- Maintenance of tanks; Vessels and reactors.
- SEGAS:
  - Welding Inspector at SEGAS shutdown for:
    - PR Turbine & MR turbine for all its critical parts (blade – rotor – stator – housing).
    - All piping welding needs for shutdown activity.
- MIDOR:
  - Maintenance of static equipment (heat exchanger – vessels – drums – tanks – valves – towers, etc.).
  - Cathodic protection of foam, water line & all piping element.
  - Fabricate piping systems at work shop & replace the weared system by the new systems with its supporting system.
  - Familiar to deal with hot taping techniques for crude oil pay paths.
- ELNG:
  - Installation & erection for LNG pumps & its required piping system supporting system (fabrication & erection).
- HAPPY (TAURT & LTS PROJECT GAPCO):
  - Punch List Coordinator for its new project & Piping Supervisor.
- RASHID:
  - Fabrication for off-shore piping system.

**Dates** : From Jun. 2006 till May 2008

**Employer** : PETROJET

**Project** : ELAB (Egyptian Linear Alkyl Benzene Mex Alex)

**Job title** : Mechanical Engineer  
(Piping Engineer / Welding Inspector / Test Package Coordinator)

**Job Description** :
 

- Piping – Fire Fighting – steel structure.
- Steel Erection at site.
- Piping Fabrication & Erection.
- Familiar to work with GRE system.
- Perform punch & Hydro test for piping loops.